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ETUDE－１：ＦＦＴによる地震スペクトルおよび相関関数計算プログラム

１９７４年２月

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ＥＴＵＤＥ－１ ： ＦＦＴによる地震スペクトルおよび相関関数計算プログラム

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幾　島　　毅

（１９７４年１月２１日受理）

地震波および構造物の地震応答の解析のため，計算プログラムＥＴＵＤＥ－１が開発された。この計算プログラムの特徴はつぎのようなものである。

(1) 計算できる項目は，フーリエ・スペクトル，パワ・スペクトル，クロス・パワ・スペ ペクトル，自己相関関数，相互相関関数および伝達関数である。

(2) 計算には高速フーリエ・変換（ＦＦＴ）を使用している。

(3) 入力データ形式は，カード，磁気テープおよびディスクのいずれによつても処理可能であり，またカードから入力する場合，データ形式は任意のものでよい。

(4) 生のデータによる計算，または正弦波補間されたデータによる計算，いずれかを選択することができる。

(5) 積分時間間隔を自由に選択できる。

(6) 計算結果はグラフイック・プロッタによつて表示することができる。

この計算プログラムはＦＯＲＴＲＡＮ Ⅳによつて書かれており，ＦＡＣＯＭ２３０－６０によつて計算できる。

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ETUDE-1: A Computer Program for Calculation of Spectrum and Correlation of Seismic Using FFT

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(Received January 21, 1974)

A computer program ETUDE-1 has been prepared for analyzing seismic response of structures. Features of the program are as follows: (1) Calculable items are Fourier spectrum, power spectrum, cross-power spectrum, auto-correlation function, cross-correlation function and transfer function. (2) Numerical analysis is performed through the fast fourier transformer(FFT). (3) Any form of input data can be taken as the input, for example, in the forms of input data cards, tape and disk. In the case of data cards, data FORMAT is free from its format. (4) Either calculation by raw data or calculation by sine-interporated data can be performed. (5) Integral time mesh can be chosen without any restriction. (6) Calculation results can be represented with a graphic plotter. The program is written in FORTRAN IV and can be used with FACOM 230-60.

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1. 緒　　言

地震応答解析および振動実験を行つた場合，時系列のデータが得られ，このデータによつてスペクトル解析，相関関数などを得ようとすることが多い。地震解析以外にも時間依存の現象の解析にはスペクトルおよび相関を求める必要がある。求めようとするスペクトルおよび相関にはつぎのものがある。

(1) フーリエ・スペクトル

(2) パワ・スペクトル

(3) クロス・パワ・スペクトル

(4) 自己相関関数

(5) 相互相関関数

(6) 伝達関数

著者が数年来，解析を進めているブロック状炉心の地震応答解析では，1組の計算によつて少くとも10000個程度またはそれ以上のデータが得られる。このデータから必要なスペクトルおよび相関関数を効率よく得ることが必要であつた。このため，高速フーリエ・変換[1]を使用した，スペクトルおよび相関関数を計算するプログラムを開発した。

この計算プログラムを使用することによつて，多量のデータの解析が短時間で行える。この報告書は計算プログラムの概要と計算例について述べたものである。

2. 理　　論

2.1 高速フーリエ変換

高速フーリエ変換[5]（Fast Fourier Transformer ：FFTと略記）とは，フーリエ変換を効率的に行う方法である。N個のデータ系列$\{x_n\}$ $(n=0,\cdots,N-1)$のフーリエ変換（Discrete Fourier Transform ：DFTと略記）は

$$X_k = \sum_{n=0}^{N-1} x_n \exp\left(-ik\frac{2\pi}{N}n\right) : (k=0,\cdots,N-1), \tag{2.1}$$

であり，X_kの逆フーリエ変換（Inverse Discrete Fourier Transform：IDFTと略記）は

$$X_n = \frac{1}{N}\sum_{n=0}^{N-1} X_k \exp\left(ik\frac{2\pi}{N}n\right) : (n=0,\cdots,N-1), \tag{2.2}$$

で表わされる。(2.1)式または(2.2)式を直接計算するときに，データ系列x_nと指数計算との積の計算に冗長なものがある。FFTの計算はこの冗長な積の計算を取除いたものである。

FFTのアルゴリズムはCoolyとTukeyとによつて，データ数Nを$N=2^S$の場合のアルゴリズムを示した。このためFFTアルゴリズムはCooley－Tukeyアルゴリズムと呼ばれることがある。このアルゴリズムについて以下に説明しよう。式(2.1)のうち

$$W = e^{-i\frac{2\pi}{N}}, \tag{2.3}$$

1. 緒　　言

地震応答解析および振動実験を行つた場合，時系列のデータが得られ，このデータによつてスペクトル解析，相関関数などを得ようとすることが多い。地震解析以外にも時間依存の現象の解析にはスペクトルおよび相関を求める必要がある。求めようとするスペクトルおよび相関にはつぎのものがある。

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この計算プログラムを使用することによつて，多量のデータの解析が短時間で行える。この報告書は計算プログラムの概要と計算例について述べたものである。

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$$W = e^{-i\frac{2\pi}{N}}, \tag{2.3}$$

とおくと，式 (2.1)はつぎのように書きかえられる。

$$X_k = \sum_{n=0}^{N-1} x_n W^{kn} \tag{2.4}$$

Nが任意因数に分解できるときにも以下の議論は成立つが，いまN＝2^3＝8のときについて考えてみる。k，nを2進数で表わすと，

$$\left.\begin{aligned} k &= k_2 k_1 k_0 = 2^2 k_2 + 2 k_1 + k_0 \\ n &= n_2 n_1 n_0 = 2^2 n_2 + 2 n_1 + n_0 \end{aligned}\right\} \tag{2.5}$$

$$kn = 2^3\left\{ 2 k_2 n_2 + (k_2 n_1 + k_1 n_2) + \frac{1}{2}(k_2 n_0 + k_1 n_1 + k_0 n_2) + \frac{1}{2^2}(k_1 n_0 + k_0 n_1) + \frac{1}{2^3} k_0 n_0 \right\} \tag{2.6}$$

$W^N = 1$ であるから，

$$W^{kN} = W^{4(k_2 n_0 + k_1 n_1 + k_0 n_2) + 2(k_1 n_0 + k_0 n_1) + k_0 n_0} \tag{2.7}$$

となり，式 (2.4)はつぎのようになる。

$$X_{k_2 k_1 k_0} = \sum_{n_0=0}^{1} W^{4 k_2 n_0} W^{2 k_1 k_0} \sum_{n_1=0}^{1} W^{4 k_1 n_1} \times W^{k_0(2n_1+n_0)} \sum_{n_2=0}^{1} W^{4 k_0 n_2} x_{n_2 n_1 n_0} \tag{2.8}$$

ここで，

$$X^{(1)}_{k_0 n_1 n_0} \equiv W^{k_0(2n_1+n_0)} \sum_{n_2=0}^{1} W^{4 k_0 n_2} x_{n_2 n_1 n_0} \tag{2.9}$$

$$X^{(2)}_{k_0 n_1 n_0} \equiv W^{k_1 2 n_0} \sum_{n_1=0}^{1} W^{4 k_1 n_1} X^{(1)}_{k_0 n_1 n_0} \tag{2.10}$$

$$X^{(3)}_{k_0 k_1 k_2} \equiv \sum_{n_1=0}^{1} W^{4 k_2 n_0} X^{(2)}_{k_0 n_1 n_0} \tag{2.11}$$

とおけば，$X_k = X_{k_2 k_1 k_0}$ は

$$X_{k_2 k_1 k_0} = X^{(3)}_{k_0 k_1 k_2} \tag{2.12}$$

から得られる。

2進数 $k_0 n_1 n_0$，$k_0 k_1 n_0$，$k_0 k_1 k_2$ をそれぞれ p，q，r として式 (2.9) ～ (2.12) の関係を具体的に示せばTable 2.1 のようになる。

N＝2^sのときも，式 (2.8) ～ (2.12) と全く同じ関係が得られ，W^rの値の計算や逆2進順序から2進順序への変換の計算などを別にすれば，直接DFTによる場合のN^2項の積和の計算がFFTでは式 (2.9) ～ (2.11) に対応する式でそれぞれ2N個合計2NS＝2N $\log_2 N$ の項数の計算となつて，計算時間は大幅に短縮される。

Table 2.1　$N=2^3$ のときのＦＦＴアルゴリズム

x_n	$X_p^{(1)}$	$X_q^{(2)}$	$X_r^{(3)}$	X_k
x_0	$x_0 + x_4$	$X_0^{(1)} + X_2^{(1)}$	$X_0^{(2)} + X_1^{(2)}$	$X_0^{(3)}$
x_1	$x_1 + x_5$	$X_1^{(1)} - X_3^{(1)}$	$X_0^{(2)} - X_1^{(2)}$	$X_4^{(3)}$
x_2	$x_2 + x_6$	$(X_0^{(1)} - X_2^{(1)})W^0$	$X_2^{(2)} + X_3^{(2)}$	$X_2^{(3)}$
x_3	$x_3 + x_7$	$(X_1^{(1)} - X_3^{(1)})W^2$	$X_2^{(2)} - X_3^{(2)}$	$X_6^{(3)}$
x_4	$(x_0 - x_4)W^0$	$X_4^{(1)} + X_6^{(1)}$	$X_4^{(2)} + X_5^{(2)}$	$X_4^{(3)}$
x_5	$(x_1 - x_5)W^1$	$X_5^{(1)} + X_7^{(1)}$	$X_4^{(2)} - X_5^{(2)}$	$X_5^{(3)}$
x_6	$(x_2 - x_6)W^2$	$(X_4^{(1)} - X_6^{(1)})W^0$	$X_6^{(2)} + X_7^{(2)}$	$X_3^{(3)}$
x_7	$(x_3 - x_7)W^3$	$(X_5^{(1)} - X_7^{(1)})W^2$	$X_6^{(2)} - X_7^{(2)}$	$X_7^{(3)}$

2.2　パワ・スペクトルとクロス・パワ・スペクトル

信号 X_n のパワは式 (2.2) から

$$\frac{1}{N}\sum_{n=0}^{N-1}\left|X_n\right|^2 = \frac{1}{N}\sum_{n=0}^{N-1}\left|\frac{1}{N}\sum_{n=0}^{N-1}X_k\, e^{ik\frac{2\pi}{N}n}\right|^2 \tag{2.13}$$

で与えられ，スペクトルの各成分のパワ $\left|X_k\right|^2$ の総和の $1/N^2$ に等しい。したがつて信号 x_n のパワの周波数成分の構成は $\left|X_k\right|^2$ をみればよい。この値

$$S_k^{XX} = X_k^{*} X_k = \left|X_k\right|^2 \tag{2.14}$$

を信号 x_n のパワ・スペクトルと呼ぶ。

ここで，X_k^{*} は

$$X_k^{*} \equiv \sum_{n=0}^{N-1} x_n\, e^{ik\frac{2\pi}{N}n} \tag{2.15}$$

である。

式 (2.14) を２つの信号 x_n, y_n に拡張したもの，

$$S_k^{XY} = X_k^{*} Y_k \tag{2.16}$$

がクロス・パワ・スペクトルである。

2.3　伝達関数

ＦＦＴによつて入力信号 x_n と出力信号 y_n から伝達関数を求めるには，それぞれのスペクトル X_k, Y_k とすれば，つぎの式によつて求めることができる。

$$W_k = \frac{Y_k}{X_k} \tag{2.17}$$

伝達関数 W_k をクロス・パワ・スペクトルを利用することによつても得られる。式（2.14）（2.16）から，

$$W_k = \frac{X_k^{*} Y_k}{X_k^{*} X_k} = \frac{S_k^{XY}}{S_k^{XX}} \tag{2.18}$$

によつて求めることができる。

2.4 相関関数

自己相関関数 R_m^{XX} および相互相関関数 R_m^{XY} はつぎの式によつて求められる。

$$R_m^{XX} = \frac{1}{N} \sum_{n=0}^{N-1} x_n^{*} x_{n+m} \quad (m = 0, \cdots\cdots, N-1) \tag{2.19}$$

$$R_m^{XY} = \frac{1}{N} \sum_{n=0}^{n-1} x_n^{*} y_{n+m} \quad (m = 0, \cdots\cdots, N-1) \tag{2.20}$$

ここで，x_n, y_n は $n \geqq N$ の n に対して値が零になるものと考える。

$$\left.\begin{aligned} \hat{x}_n &= \begin{cases} x_n : n = 0, \cdots\cdots, N-1 \\ 0 : n = N, \cdots\cdots, 2N-1 \end{cases} \\ \hat{y}_n &= \begin{cases} y_n : n = 0, \cdots\cdots, N-1 \\ 0 : n = N, \cdots\cdots, 2N-1 \end{cases} \end{aligned}\right\} \tag{2.21}$$

とおき，$\hat{x}_n$, $\hat{y}_n$ のフーリエ・スペクトルをそれぞれ $\hat{X}_k$, $\hat{Y}_k$ としクロス・パワ・スペクトルを $\hat{S}_k^{XY}$ とすると，

$$R_m^{XY} = \frac{1}{N} \sum_{n=0}^{N-1} x_n^{*} y_{n+m} = \frac{1}{N} \sum_{n=0}^{N-1} \hat{x}_n^{*} \hat{y}_{n+m} = \frac{1}{N} \sum_{n=0}^{N-1} \left(\frac{1}{2N} \sum_{p=0}^{2N-1} \hat{X}_p e^{ip\frac{2p}{2N}n} \right)^{*}$$

$$\times \left(\frac{1}{2N} \sum_{q=0}^{2N-1} \hat{Y}_q e^{iq\frac{2\pi}{2N}(n+m)} \right) = \frac{1}{N} \frac{1}{2N} \sum_{p}^{2N-1} \hat{S}_k^{XY} e^{ik\frac{2\pi}{2N}n}$$

よつて

$$R_m^{XY} = \frac{1}{N} F^{-1} S_k^{XY} \tag{2.22}$$

ここで，F^{-1} は逆フーリエ変換である。同じように R_m^{XX} はつぎの式によつて求められる。

$$R_m^{XX} = \frac{1}{N} F^{-1} S_k^{XX} \tag{2.23}$$

3. 計算プログラム

3.1 計算プログラムの特徴

この計算プログラムの主要な特徴は，汎用性と便利さを兼ねそなえていることである。これは，入力波の形式を自由に取れ，しかも入力データはインプット・カード，磁気テープおよび磁気ディスクのいずれからも読み込ますことができ，さらに入力データは等時間間隔のものでなくても処理できるように考慮されている。この計算プログラムは，すでに作成された地震応答解析プログラム[2)~4)]の結果の処理にも便利なように作成されており，地震応答解析プログラムの応答値は磁気テープまたは磁気ディスクに保存され，スペクトルおよび相関解析プログラムのために使用される。

計算プログラムは計算機使用時間の節約を計るため，計算は高速フーリエ変換を使用している。この高速フーリエ変換は計算機の記憶容量を少なくするように作られており，計算機の有効使用が計られている。

入力データおよび計算結果はグラフイック・プロッタによつて描くことができ，計算結果の整理のはん雑さを無くしている。

計算結果のうちスペクトルおよび伝達関数は，周期または振動数のいずれかによつて表示することができ，利用の便利を計つている。

これらの特徴を列記すればつぎのようにまとめることができる。

(1) 計算できる項目はつぎのものである。

フーリエ・スペクトル

パワ・スペクトル

クロス・パワ・スペクトル

自己相関関数

相互相関関数

伝達関数

(2) 入力データ形式は，カード，磁気テープおよび磁気ディスクのいずれでもよい。カードから入力する場合，データ形式は任意のものでよい。

(3) 計算は生のデータまたは正弦波補間されたデータのいずれでもできる。

(4) 積分時間間隔は入力データにかかわらず，自由に決定できる。ただし，この場合，データは正弦波補間される。

(5) データをある区間にわたつて平均化して，そのデータを使用して計算できる。

(6) 入力データおよび計算結果はグラフイック・プロッタによつて表示することができる。

3.2 計算プログラムの構成

この計算プログラムはメイン・プログラムと２４個のサブ・プログラムから構成されている。計算プログラムの構成図は Fig. 3.1 に，計算の流れ図は Fig. 3.2 に示されている。メイン・プログラムおよびサブ・プログラムはそれぞれつぎのようである。

(1) ＭＡＩＮ：サブ・プログラムＩＮＰＵＴを呼び，問題の大きさによつて計算準備をする。

(2) ＭＡＩＮＸ：それぞれのサブ・プログラムを制御し，計算を続行する。

(3) ＨＥＡＤＥ１：計算プログラム名を印刷する。

(4) ＩＮＰＵＴ：問題のタイトル，問題の大きさおよびオプションを読み込む。

(5) ＤＴＳＥＲＥ：入力データの読み込みとそのデータの処理をする。

(6) ＲＥＡＤＷ：入力データ（ＦＯＲＭＡＴはプログラムの指示に従う）を読み込み，このデータをストアする。

(7) ＳＥＤＡＴＡ：入力データ（インプットＦＯＲＭＡＴに従う）を読み込み，このデータをストアする。

(8) ＳＥＩＷＡＶ：入力データを正弦波補間し，データを作りなおす。

(9) ＩＮＴＥＲＰ：正弦波補間の計算を行う。

(10) ＶＩＥＷＳＳ：入力データを描く。

(11) ＴＹＰＥ１：入力データを描く。

(12) ＴＹＰＥ２：入力データを描く。

(13) ＶＩＥＷＡＶ：入力データを描く。

(14) ＨＳＦＦＴＳ：第１番目の入力波のフーリエ・スペクトル，パワ・スペクトルおよび自己相関関数を計算する。

(15) ＨＳＦＦＴ２：第２番目の入力波のフーリエ・スペクトル，パワ・スペクトルおよび自己相関関数を計算する。

(16) ＣＰＣＣＴＦ：クロス・パワ・スペクトル，相互相関関数および伝達関数の計算をする。

(17) ＦＯＵＲ２Ｓ：高速フーリエ変換の計算をする。

(18) ＶＩＥＷＦＴ：スペクトルを描く。

(19) ＶＩＷＦＦＴ：相関関数を描く。

(20) ＶＩＷＴＲＥ：伝達関数を描く。

(21) ＶＩＥＷＳＴ：プロッタのオープンをする。

(22) ＴＩＴＬＥＥ：問題のタイトルを描く。

(23) ＳＣＡＬＥＸ：グラフを描く場合のデータ・スケーリングをする。

(24) ＦＩＮＥ：プロッタのクローズをする。

(25) ＭＳＧ：エラー・メッセージを出す。

3.3 入力および出力形式

3.3.1 入力形式

入力形式はTable 3.1 に示されている。入力データの種類は大別すれば，つぎのものから成立つている。

(1) 計算時間 （sec）

(2) 積分時間間隔 （sec）

(3) データの平均のための時間間隔

(4) 最大入力加速度

(5) 入力データの形式とその処理

(6) 計算実行の種類

(i) フーリエ・スペクトル

(ii) パワ・スペクトル

(iii) 自己相関関数

(iv) クロス・パワ・スペクトル

(v) 相互相関関数

(vi) 伝達関数

(7) グラフイック・プロットに対する制御量

(8) 入力波データ

入力データの1例はTable 3.2に示されている。

3.3.2 出力形式

出力形式は1例としてTable 3.3 に示されているように，つぎの項目から成立つている。

(1) 3.3.1に述べた入力データ

(2) 地震波の基準化

(3) 計算結果

(i) フーリエ・スペクトル

(ii) パワ・スペクトル

(iii) 自己相関関数

(iv) クロス・パワ・スペクトル

(v) 相互相関関数

(vi) 伝達関数

(4) 計算結果のグラフイック・プロット

3.4 計 算 例

計算例は多目的高温ガス実験炉の原子炉格納容器の地震応答解析[4]の応答値を計算した。計算結果はTable 3.3 およびFig. 3.3 に示されている。

Table 3.1 Input list

Card No.	FORMAT	Variables	Descriptions
1	I1	LAST	Option for calculation continue. = 0 : Calculation continue. = 1 : Calculation stop.
	18A4	TITLE	Problem identification.
2	3F10.0	TFIN	Final time of calculation (sec).
		DT	Integral time mesh (sec).
		PMESH	Interval time for data avaraging (sec).

Card No.	FORMAT	Variables	Descriptions
3	I1	IPLT1	Option for plot. = 0 : Don't plotted. = 1 : Calculation results are plotted.
	I5	IPLT2	Length of time axis, IPLT2 (mm/sec).
4	2F10.0	WITHX	Length of period or time axis, WITHX (mm) If this column is blank, WITHX = 200 mm Length of spectrum or correlation axis, WITHY (mm). If this column is blank, WITHY = 200 mm
5	F10.0	GALMAX	Maximum acceleration (gal). If this column is blank or zero, multiplication factor of acceleration is 1.
6	15I3	IOPT(1)	Option for data interporation. = 0 : Data are not interporated. = 1 : Data are interporated with sine wave.
		IOPT(2)	Option for input data divice. = 0 : Data are read from input cards. = 1 : Data are read from disk or tape No. IOPT(4).
		IOPT(3)	Option for input data format. = 0 : Data cards are read according to program FORMAT. = 1 : Data cards are read according to input FORMAT.
		IOPT(4)	Data from disk or tape No. IOPT(4) (IOPT(4) = 2,3,4,8), standard seismic wave data is disk No.8.
		IOPT(5)	No - meaning.
		IOPT(6)	If many points data are stored in file No. IOPT(4), this option is used. IOPT(6) is number of points.

Card No.	FORMAT	Variables	Descriptions
		IOPT(7)	Selection option for calculation point from many points data. IOPT(7) is selected number from many points.
		IOPT(8)	Calculation option for fourier spectrum. = 0 : Don't calculated. = 1 : Fourier spectrum is calculated.
		IOPT(9)	Calculation option for power spectrum. = 0 : Don't calculated. = 1 : Power spectrum is calculated
		IOPT(10)	Calculation option for auto-correlation function. = 0 : Don't calculated. = 1 : Auto-correlation function is calculated.
		IOPT(11)	Calculation option for cross-power spectrum, cross-correlation function and transfer function. = 0 : Don't calculated. = 1 : Those term are calculated.
		IOPT(12)	No-meaning.
		IOPT(13)	No-meaning.
		IOPT(14)	No-meaning.
		IOPT(15)	Representation option for spectrum and correlation. = 0 : Period (sec). = 1 : Frequency (H_z).
7	I3	IPLT3	Plot option for fourier spectrum. = 0 : Don't plotted. = 1 : Fourier spectrum is plotted.
		IPLT4	Plot option for power spectrum. = 0 : Don't plotted = 1 : Power spectrum is plotted.
		IPLT5	Plot option fer auto-correlation funetion = 0 : Don't plotted. = 1 : Auto-correlation function is stored.

Card No.	FORMAT	Variables	Descriptions
8	I4	NSES	Identification number of stored data in file IOPT(4).
	18A4	NAME(I) (I=1,18)	Data name.
9	I4, 6X	NREC	Recorded number of data.
	I1, 9X	IWAVE	Option for input data. =1 : Input data are card 10A, 10C. =2 : Input data are card 10B.
	F10.0	DTW	Time interval of data. Only usable, if IWAVE is 1.
	10A4	FMT (I) (I=1,10)	Input data FORMAT. Only usable, if IOPT(3) is 1. If IOPT(2) is 1, card 9 is omitted.
10A	10X, 5F10.3	WAVEIN(I) (I=1,NREC)	Acceleration (gal). Only usable, if IOPT(2) is 0, and IOPT(3) is 0.
10B	3X, 4 (F7.4, F9.6)	TWAVE(I) WAVEIN(I) (I=1,NREC)	Time (sec). Acceleration (g). Only usable, if IOPT(2) is 0 and IOPT(3) is 0.
10C	FMT	WAVEIN(I) (I=1,NREC)	Acceleration (gal). Only usable, if IOPT(2) is 0, IOPT(3) is 1. If IOPT(2) is 1, cards 10A, 10B, or 10C ard Omitted.
	Following cards 11~16 are necessary, if cross-power spectrum, cross-correlation function and transfer function are calculated (IOPT(4) is 1).		
11	F10.0	GALMAX	Meaning is same as card 5.

Card No.	FORMAT	Variables	Descriptions
12	15I3	IOPT(1)	Mening is same as card 6.
		IOPT(2)	
		IOPT(3)	
		IOPT(4)	
		IOPT(5)	
		IOPT(6)	
		IOPT(7)	
		IOPT(8)	
		IOPT(9)	
		IOPT(10)	
		IOPT(11)	Calculation option for cross-power spectrum. =0 : Don't calculated. =1 : cross-power spectrum is calculated.
		IOPT(12)	Calculation option for cross-correlation function. =0 : Don't calculation. =1 : Cross-correlation function is calculated.
		IOPT(13)	Calculation option for transfer function =0 : Don't calculated. =1 : Transfer function is calculated.
		IOPT(14)	Option for repeated calculation. =0 : Don't calculation. =1 : Repeated calculation.
		IOPT(15)	Meaning is same as card 6.
13	6I3	IPLT3	Mening is same as card 7.
		IPLT4	
		IPLT5	
		IPLT6	Plot option for cross-power spectrum. =0 : Don't plotted. =1 : Cross-power spectrum is plotted.
		IPLT7	Plot option for cross-correlation spectrum =0 : Don't plotted. =1 : Cross-correlation spectrum is plotted.

Card No.	FORMAT	Variables	Descriptions
		IPLT 8	Plot option for transfer function. =0 : Don't plotted =1 : Transfer function is plotted.
14	I 4 18 A 4	NSES NAME (I)	Meaning is same as card 8.
15	I 4, 6X I 1, 9X F 10.0 10 A 4	NREC IWAVE DTW FMT (I)	Meaning is same as card 9.
16 A	10X, 5F10.3	WAVEIN(I)	Meaning is same as card 16 A.
16 B	3X, 4 (F 7.4, F 9.6)	TWAVE (I) WAVEIN(I)	Meaning is same as card 16 B.
16 C	FMT	WAVEIN(I)	Meaning is same as card 16 C.
If IOPT(14) is 1, Cards 11 ~ 16 are repeated.			

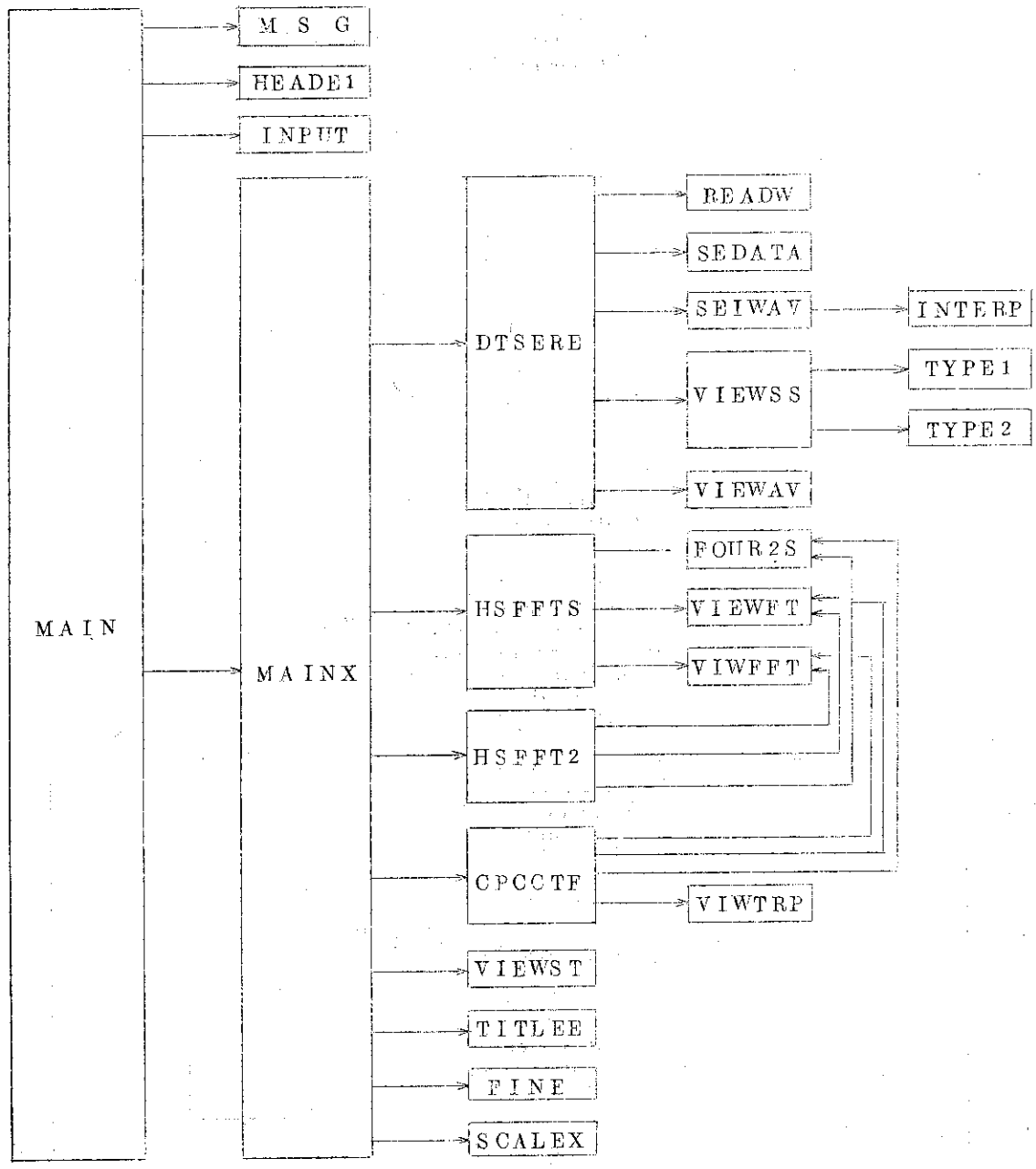

Fig. 3.1 Structure of calculation program ETUDE-1

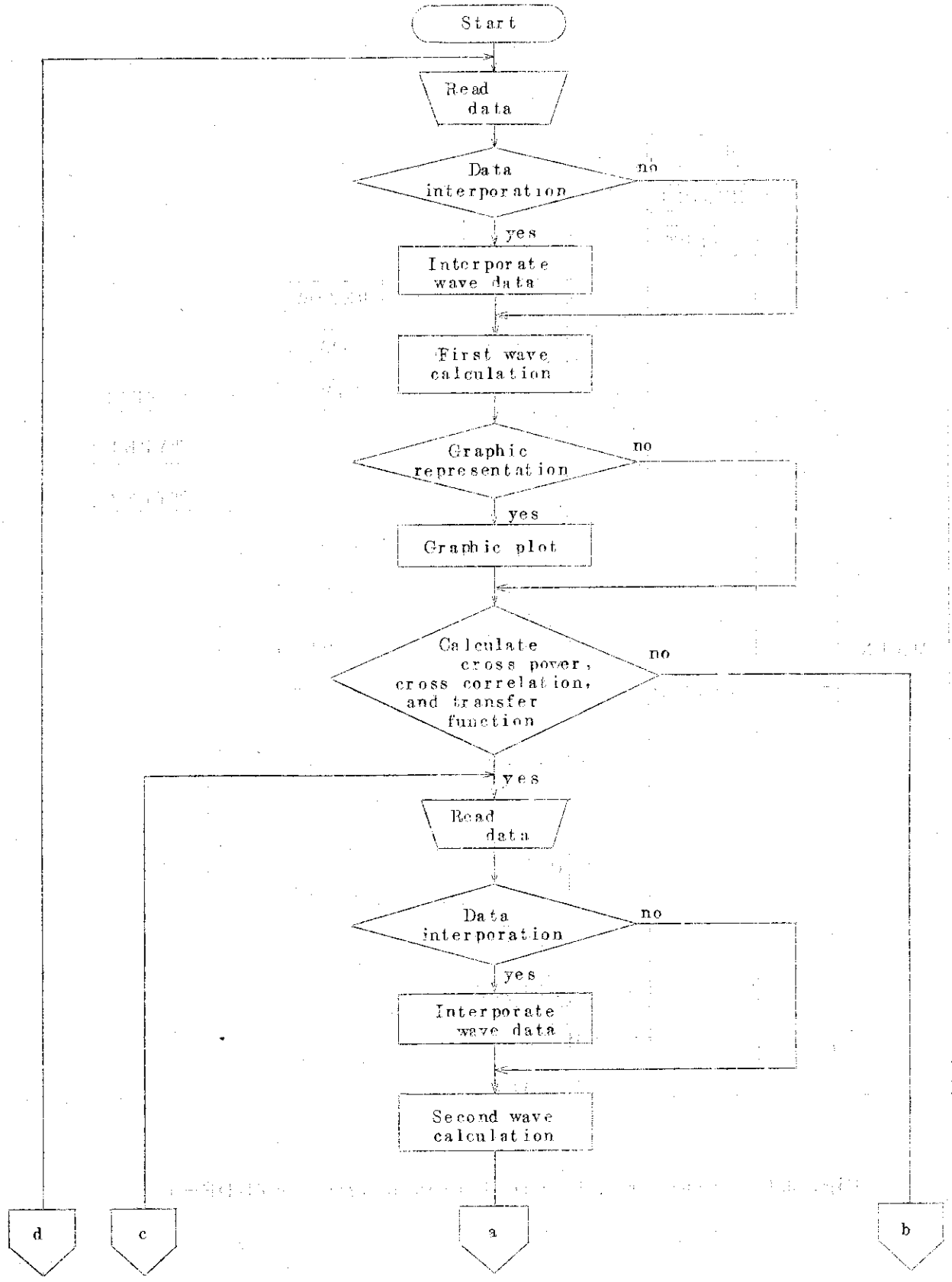

Fig. 3.2(1) Flow sheet of calculation

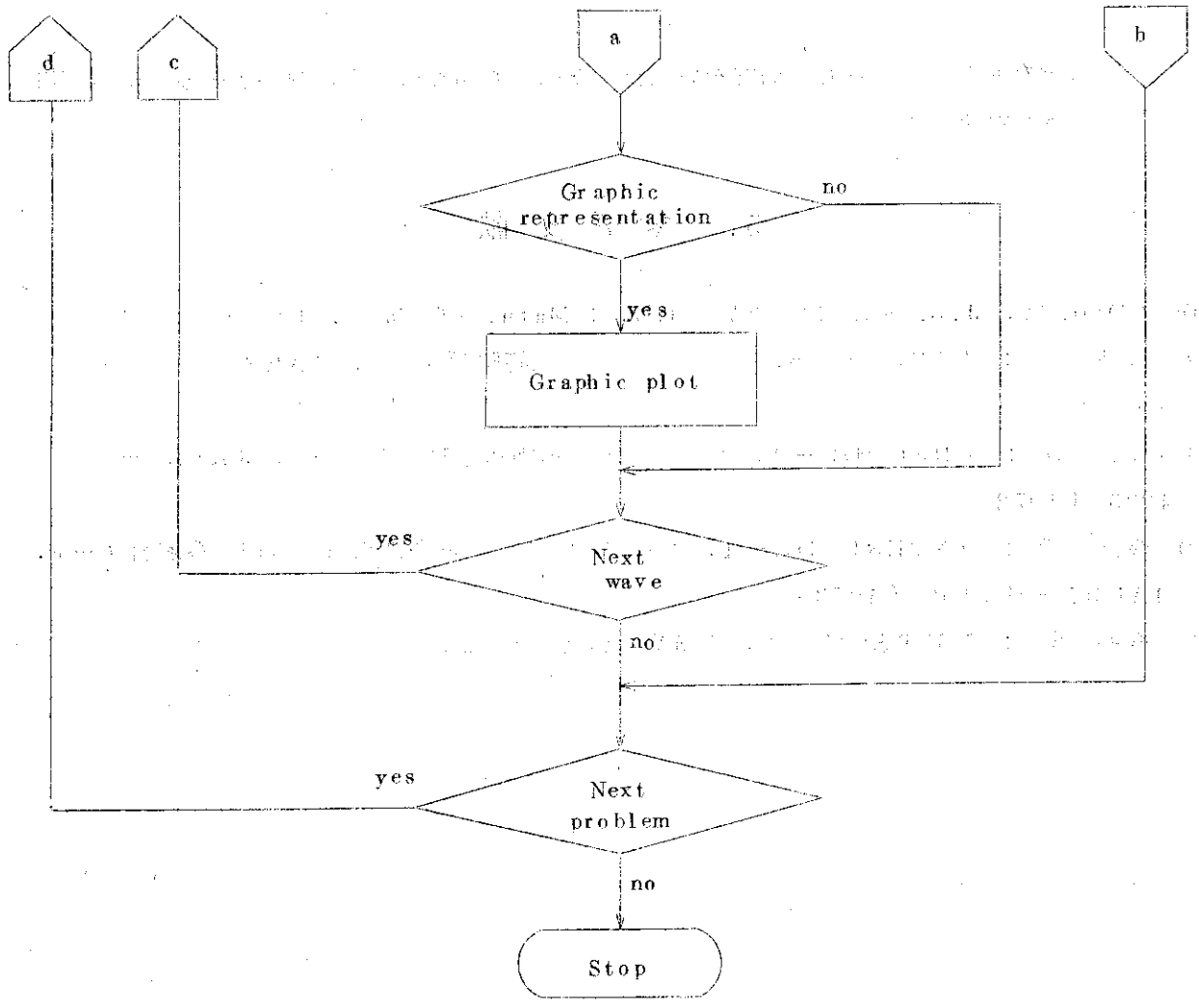

Fig. 3.2 (2) (Continued)

4. 謝　　辞

この報告書をまとめるに際して助言をいただいた動力炉開発管理室熱中性子炉設計班長下川純一博士に深く感謝します。

5. 参考文献

(1) COOLEY, J.W. and TUKEY, J.W. : Math. of Comp. 19 -90, (1965)

(2) 幾島 毅 : VIBSES－6, 多質点系の地震応答解析コード, JAERI－M 4806 (1972)

(3) 幾島 毅 : PRELUDE－1, ブロック炉心の地震応答解析コード, JAERI－M 4905 (1972)

(4) 幾島 毅 : INTERLUDE－1, モード展開法による多質点系の地震応答解析コード, JAERI－M 5166 (1973)

(5) 今井 聖 : FFTとその応用, IMV講習会 (1972)

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5. 参考文献

(1) COOLEY, J.W. and TUKEY, J.W. : Math. of Comp. 19 --90, (1965)

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(4) 幾島　毅 : INTERLUDE－1, モード展開法による多質点系の地震応答解析コード, JAERI－M 5166 (1973)

(5) 今井　聖 : FFTとその応用, IMV講習会 (1972)

Table 3.2 Input list of sample problem

```
....*....1....*....2....*....3....*....4....*....5....*....6....*....7....*....8

      RESPONSE SPECTRUM EL CENTRO 40NS  (MAX. 0.326 G)
 10.27       0.01
1   20
     300.0       200.0
 180.0
  0  1  0  2  1  6  6  1  1  1  1
  1  1  1
 999     HTGR  CONTAINER  SEISMIC  RESPONSE
 0.0
  0  1  0  2  1  6  5  1  1  1  1  1  1
  1  1  1  1  1  1
 999     HTGR  CONTAINER  SEISMIC  RESPONSE
1         LAST  CARD
```

Table 3.3 Output list of sample problem

RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G) 1 PAGE/ 1 CASE

** I N P U T D A T A **

		FOR CALCULATION		FOR PLOTTING	
1. OPTION	DATA DEAL	NOT INTERPOLATION		PLOTTING	REPRESENTATION
	INPUT DATA FROM	DISK/TAP		PLOTTING LENGTH	20 (MM/SEC)
	INPUT DATA CARD	NO FOMAT		FOURIER SPECTRUM	REPRESENTATION
	DATA FROM DISK/TAPE NO.	2		POWER SPECTRUM	REPRESENTATION
	DATA FROM DISK/TAPE	6 POINT DATA		AUTO-CORRELATION	REPRESENTATION
	SELECT NO. FROM MANY POINT	6			
	FOURIER SPECTRUM	EXECUTE			
	POWER SPECTRUM	EXECUTE			
	AUTO-CORRELATION	EXECUTE			
2. TIME	DURATION TIME	10.2^{700} (SEC)			
	COMPUTE INTERVAL TIME	0.0^{100} (SEC)			
3. INPUT WAVE	WAVE NAME				
	HTGR CONTAINER SEISMIC RESPONSE				
	GALMAX	180.0 (GAL)			

** E A R T H Q U A K E W A V E ** 2 PAGE/ 1 CASE

HTGR CONTAINER SEISMIC RESPONSE

UPPER LIMIT OF AMPLITUDE (GAL)	180.000
MAXIMUM AMPLITUDE OF DATA(GAL)	179.848
MAGNIFICATION	1.001

** INPUT DATA **

3 PAGE/ 1 CASE

ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)
0.9519	0.2188	-1.5739	-3.0598	-4.1465	-3.9447	-2.3487	-0.1104	2.0695	3.5085
3.7683	2.8324	1.2602	-0.5512	-2.8479	-4.3922	-4.9779	-4.3691	-2.5411	0.0310
2.6777	4.7102	5.5995	4.5760	1.3073	-2.4438	-4.6263	-4.2779	-2.5850	-1.5424
-2.0050	-3.2888	-4.6904	-5.6440	-4.4760	-0.8424	3.4124	6.0978	5.5969	1.5694
-4.7587	-11.3964	-16.2664	-17.8267	-15.0631	-9.0847	-3.1419	-0.4661	-0.1193	0.9599
2.6960	4.9541	7.5543	10.2916	12.9374	15.2851	17.1468	18.3736	18.8673	16.8804
10.7037	3.6038	-0.3938	-0.3638	0.7346	2.1152	3.0273	2.8318	0.8606	-2.3627
-5.8237	-8.4404	-18.6896	-19.0650	-20.3870	-21.5492	-23.1561	-24.5832	-25.5421	-35.8560
-35.0805	-33.0983	-30.1899	-26.7669	-23.3141	-20.3201	-18.2049	-17.2792	-23.4353	-23.8354
-24.4543	-25.1813	-25.8544	-26.3425	-26.5467	-38.2523	-40.2588	-43.0875	-45.7456	-47.5082
-47.8349	-47.2716	-46.1410	-44.6723	-43.1629	-41.9187	-41.1916	-25.4664	-26.6867	-27.8638
-26.6519	-19.5884	-7.5936	7.2421	22.3332	35.0495	43.1749	45.3396	43.1554	37.8082
29.5417	18.7333	5.8760	-8.4436	-23.5722	-38.8195	-53.4800	-66.9143	-78.4798	-87.6591
-94.0332	-97.3114	-97.1464	-92.4577	-83.9812	-73.4342	-62.9432	-54.6618	-50.2396	-49.7840
-49.7832	-49.7825	-51.0143	-54.4622	-56.2214	-55.7356	-54.5963	-53.4256	-52.8630	-55.3143
-61.0798	-63.6322	-67.4095	-73.1363	-74.1513	-67.6135	-54.0424	-35.0289	-12.8021	10.0320
30.7965	47.0572	56.9073	59.4972	63.5957	77.7751	85.4398	99.3855	112.1966	121.6377
126.0709	125.5726	122.3662	116.9027	109.7513	101.6573	93.4639	86.0248	80.1151	76.3507
75.1241	76.7539	80.8976	86.2581	91.1572	94.0614	91.3400	67.4312	24.4573	-28.8758
-81.7632	-123.4906	-145.6946	-148.1861	-130.5940	-134.8856	-160.4532	-166.5087	-172.1949	-176.7069
-179.4058	-179.8477	-176.8276	-170.0026	-159.5287	-145.6449	-128.6684	-108.9868	-87.0494	-63.3573
-38.4514	-12.9005	12.7119	37.8011	61.7940	84.1430	104.3376	121.9165	136.4785	147.6911
155.2981	159.1259	159.2281	156.5702	152.1143	147.2554	143.5144	142.0625	113.9145	36.9198
-59.3126	-137.7305	-168.1714	-161.0057	-140.4627	-110.1246	-75.2793	-41.9993	-16.0847	-2.0519
3.0037	26.7556	66.3310	109.3411	142.3215	154.9480	145.9903	120.1951	82.7897	41.3519
4.2764	-20.9255	-29.1507	-19.5668	4.1798	34.6553	62.3194	78.5119	80.8746	83.3812
87.9377	93.8053	100.0332	105.6118	109.6370	111.4563	108.9621	98.8879	84.2228	69.3577
59.4835	56.6478	49.3308	33.0388	14.2037	-4.4640	-17.3060	-21.0582	-19.5400	-15.7433
-9.9080	-2.4031	6.2966	15.6413	25.0398	33.8980	41.6555	47.8220	52.0074	53.9471
52.3991	44.1594	30.1448	12.3396	-6.7358	-24.3809	-38.0979	-45.9449	-47.0231	-43.2969
-35.7646	-25.3075	-13.1487	-0.7107	10.5515	19.3203	24.5699	25.3738	14.5272	-8.2365
-36.9930	-64.2576	-82.9346	-88.7621	-84.1891	-74.4096	-60.3044	-43.8659	-27.4154	-13.2764
-3.4455	0.6888	-10.6997	-47.5282	-90.0289	-114.9872	-115.1338	-107.9226	-95.0677	-77.2841
-55.5609	-31.1062	-5.2803	20.4804	44.7432	66.1586	83.5354	95.9071	102.5857	98.0943
43.8726	-26.3462	-54.4481	-51.0676	-42.1233	-28.3295	-10.7876	9.1015	29.7494	49.5073
66.7976	80.2343	88.7592	92.6768	85.8957	69.7236	46.4369	20.7532	-2.1243	-17.5610
-22.4539	-20.1061	-14.1767	-5.8668	3.1399	11.0190	16.1741	17.5335	13.4929	4.1257
-8.6704	-22.3031	-34.0107	-41.4211	-43.1258	-40.9024	-35.8997	-28.6387	-19.8760	-10.3248
-1.5593	6.0864	11.6155	14.4520	12.9234	6.6934	-20.6840	-46.8779	-72.5818	-92.5883
-102.8444	-102.7720	-97.7044	-88.5683	-76.0917	-61.2716	-45.2914	-29.4270	-14.9457	-3.0056
5.4456	9.7271	8.6279	-1.0173	-14.5280	-24.5245	-25.8083	-19.8028	-9.3995	1.3970
8.4307	9.2339	5.2331	-2.8299	-14.3703	-28.5511	-44.3438	-60.6030	-76.1495	-89.8559
-100.7278	-107.9769	-111.0775	-110.9608	-110.1046	-108.6909	-106.8852	-104.8987	-102.9637	-101.3066
-100.1213	-99.5465	-97.7406	-88.3431	-71.6769	-49.2984	-23.2975	3.8977	29.7475	51.8377
68.1056	77.0317	77.3660	65.8772	45.3080	22.0981	3.5129	-4.6293	-3.8895	0.9853
8.5058	18.7283	31.1859	45.3093	60.4535	75.4264	91.0214	105.0486	117.3672	127.4144
134.7313	138.9836	139.9107	101.3385	25.7077	-55.5631	-107.6377	-119.9065	-105.5407	-89.7013
-68.2417	-43.6722	-18.8669	3.2727	20.1553	29.8073	30.6312	17.1361	-9.8733	-45.7465
-84.2114	-118.5648	-142.8186	-152.7466	-150.3857	-141.6862	-127.1658	-107.5694	-83.9023	-57.3789
-29.3599	-1.2829	25.4118	49.3544	69.3168	80.2744	93.4600	96.4008	91.9574	80.1726
63.4273	45.1041	28.9047	18.1015	14.8910	21.2894	36.9121	58.5939	81.9423	102.2274
115.3394	118.7025	114.4436	104.4971	90.0291	72.7359	54.6448	37.8769	24.3980	15.7882
13.0895	25.5487	50.1439	66.5607	67.4967	67.7531	68.1635	68.6448	69.0993	69.4354
69.5845	67.4085	61.4722	58.3454	-4.4079	-13.9083	-8.9510	-0.1291	11.8518	26.0331
41.2804	56.3739	70.1061	81.3784	89.2892	93.2054	89.3695	64.7969	25.5073	-16.1997
-47.2680	-57.9979	-56.1580	-51.1619	-43.5301	-34.0578	-23.7319	-13.6284	-4.8001	1.8332
5.5804	5.7361	-1.1029	-15.2176	-34.3595	-55.5145	-76.8384	-94.1762	-105.4794	-109.1534
-105.4858	-95.6618	-81.0722	-63.7823	-46.2398	-30.9281	-20.0146	-15.0444	-13.0300	-7.4060
-4.2412	-16.6449	-18.0263	-21.1932	-23.2942	-29.2892	-32.1286	-33.0148	-21.2841	-17.5869
-8.9853	2.0940	9.5994	10.4527	9.5947	8.0319	6.3877	5.1269	4.6442	6.0472

** INPUT DATA **

4 PAGE/ 1 CASE

ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)
9.1976	11.4793	10.6352	5.4165	-3.2922	-13.8589	-24.3037	-32.6693	-37.3881	-37.1941
-29.8167	-17.9076	-6.5926	-0.7415	1.6213	-0.5717	19.2451	25.3818	18.4287	-12.3743
-14.2849	-17.8624	-21.1125	-22.3107	-18.8157	-10.4027	-0.3102	7.5767	10.2324	8.4208
4.2462	-0.5017	-3.7879	-5.0116	-11.8087	-22.7815	-31.9364	-32.9866	-10.9461	-5.9345
4.8164	9.8821	7.6169	2.2336	-4.1957	-9.1959	-10.8174	-6.1623	-2.9720	-2.2253
-0.7242	0.7132	1.3103	-2.4829	-3.7109	-5.3565	-6.5332	-3.5499	-2.6120	-6.6307
-10.2353	-8.4494	0.2177	11.2837	18.6642	19.7572	20.9704	22.6855	23.9699	24.0404
22.2642	20.4752	11.7884	-0.5921	-3.7844	-9.6598	-15.0089	-0.1022	0.7374	2.5777
4.4180	5.2576	4.6795	3.0519	1.2643	0.2930	0.4399	1.1666	2.2246	3.2825
4.0092	4.0802	0.9952	-3.8916	-15.6056	-26.7712	-37.8081	-47.1537	-53.4850	-55.9059
-53.6245	-46.3780	-35.1872	-21.6327	-7.6285	4.8474	14.0332	18.6315	18.3602	14.8936
9.8604	5.4271	3.5016	-3.7353	-15.3155	0.7816	7.8133	14.1948	15.3749	18.7969
23.4258	27.8073	30.5651	30.5649	25.3006	15.2344	2.3996	-10.6109	-21.1688	-27.1412
-27.5641	-23.9486	-17.2330	-8.5874	0.4813	8.3976	13.7677	15.6700	13.8170	9.5818
5.9901	5.7301	8.8201	8.6231	0.9618	-9.2006	-14.6494	-14.9682	-15.7495	-16.9038
-18.1561	-19.2078	-19.8084	-19.3244	-15.0395	-8.2674	-1.9226	1.2638	-5.5196	-25.1256
-35.3423	-32.6236	-26.1519	-19.4621	-16.2084	-15.1183	-12.6190	-11.4352	-4.2762	3.0581
2.9195	1.6872	0.0550	-1.6525	-2.9907	-3.6114	-6.2581	-15.5264	-26.5644	-33.3430
-33.1191	-29.3007	-24.2812	-20.8024	-20.9727	-25.9414	-33.2324	-36.8815	-39.9993	-38.1476
-34.3212	-29.0616	-23.1135	-17.3188	-12.4980	-9.3334	-8.2707	-6.8570	-4.3911	-2.3281
11.4389	12.2922	14.0756	16.7694	19.8279	22.6313	24.6119	25.3683	24.5565	22.2028
19.0460	16.0778	14.2307	14.2507	15.8831	16.8831	13.3872	10.8676	8.8334	7.6955
-4.2351	17.0108	35.0904	35.2822	31.7464	26.4977	21.1791	17.4557	16.4265	16.0832
15.3467	14.4475	13.6670	13.2498	13.3389	13.9658	15.0071	16.2519	17.4478	18.3528
18.7823	17.1329	10.0222	-0.5334	-11.2294	-18.7176	-20.7662	-20.6805	-20.4850	-20.2139
-19.9144	-19.6387	-19.4348	-19.3383	-18.9202	-17.0903	-14.2168	-10.9845	-8.1639	-6.4271
-6.2395	-8.1430	-11.2699	-13.9120	-14.5713	-10.6716	-2.5937	9.6893	24.5978	40.5783
55.9657	69.1568	78.7771	83.8243	83.6495	77.6119	66.4507	51.7421	35.5634	20.1994
7.8199	0.1734	-1.7009	0.9986	6.1286	10.8845	12.6406	0.1652	-14.2686	-12.7230
-6.9810	-2.1198	-5.1345	-3.0466	-6.1895	-9.5204	-101.7423	-94.1125	-78.3902	-56.2135
-29.8931	-2.1715	24.0629	46.0767	61.5761	68.9462	66.1867	51.4001	32.3157	19.3100
20.4266	37.6737	51.9180	55.3647	63.9141	68.7250	66.7806	60.9643	51.8196	40.1987
27.1848	13.9970	1.8468	-8.1157	-14.9679	-18.0733	-18.8866	-21.4108	-24.0833	-24.9955
-23.4326	-19.4668	-13.3016	-5.2534	4.2650	14.7652	25.7084	36.5336	46.6847	55.6413
62.9438	68.2175	71.1920	54.4529	-89.8559	-86.7388	-71.3176	-48.3773	-22.5654	0.8889
17.2336	23.1584	21.9991	18.5460	13.0181	9.7647	-2.7593	-12.0032	-21.3942	-30.3345
-38.2588	-44.6659	-49.1508	-51.4296	-50.2973	-40.4744	-23.1155	-1.7373	19.3292	33.8163
44.3837	44.4413	40.3411	32.8810	22.6569	10.4851	-2.6622	-15.7353	-27.6901	-37.5720
-44.5916	-48.1891	-48.0808	-44.3451	-37.5144	-28.5554	-18.7365	-9.4474	-2.0037	2.5412
3.6193	2.8536	1.4536	0.1745	-0.2781	2.6450	9.7947	18.9250	27.1676	31.9331
25.9667	-9.6765	-38.0753	-36.6654	-28.8510	-24.6174	-10.7320	-7.0744	-2.2653	2.1897
4.8960	1.7104	3.5052	6.9170	11.4630	16.4995	21.3136	25.2238	27.6765	28.2606
23.7681	13.0855	-2.2785	-20.1542	-38.0169	-53.3441	-63.9710	-68.3969		

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0104	0.0
0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0
0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0105	0.0
0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0
0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0106	0.0	0.0106	0.0
0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0
0.0106	0.0	0.0106	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0
0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0
0.0107	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0
0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0
0.0117	0.0	0.0117	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0
0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0
0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0121	0.0
0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0
0.0121	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0
0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0123	0.0	0.0123	0.0
0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0124	0.0
0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0
0.0124	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0
0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0126	0.0	0.0126	0.0
0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0127	0.0
0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0
0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0
0.0128	0.0	0.0128	0.0	0.0129	0.0	0.0129	0.0	0.0129	0.0
0.0129	0.0	0.0129	0.0	0.0129	0.0	0.0130	0.0	0.0130	0.0
0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0131	0.0
0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0
0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0
0.0132	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0
0.0133	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0
0.0134	0.0	0.0134	0.0	0.0135	0.0	0.0135	0.0	0.0135	0.0
0.0135	0.0	0.0135	0.0	0.0135	0.0	0.0136	0.0	0.0136	0.0
0.0136	0.0	0.0136	0.0	0.0136	0.0	0.0137	0.0	0.0137	0.0
0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0138	0.0
0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0139	0.0
0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0140	0.0
0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0
0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0
0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0
0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0
0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0
0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0
0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0148	0.0
0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0149	0.0
0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0150	0.0
0.0150	0.0	0.0150	0.0	0.0150	0.0	0.0151	0.0	0.0151	0.0
0.0151	0.0	0.0151	0.0	0.0151	0.0	0.0152	0.0	0.0152	0.0
0.0152	0.0	0.0152	0.0	0.0153	0.0	0.0153	0.0	0.0153	0.0
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0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0157	0.0
0.0157	0.0	0.0157	0.0	0.0157	0.0	0.0158	0.0	0.0158	0.0
0.0158	0.0	0.0158	0.0	0.0159	0.0	0.0159	0.0	0.0159	0.0
0.0159	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0
0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0162	0.0
0.0162	0.0	0.0162	0.0	0.0162	0.0	0.0163	0.0	0.0163	0.0
0.0163	0.0	0.0163	0.0	0.0164	0.0	0.0164	0.0	0.0164	0.0
0.0164	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0
0.0166	0.0	0.0166	0.0	0.0166	0.0	0.0167	0.0	0.0167	0.0
0.0167	0.0	0.0167	0.0	0.0168	0.0	0.0168	0.0	0.0168	0.0
0.0168	0.0	0.0169	0.0	0.0169	0.0	0.0169	0.0	0.0170	0.0
0.0170	0.0	0.0170	0.0	0.0170	0.0	0.0171	0.0	0.0171	0.0
0.0171	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0
0.0173	0.0	0.0173	0.0	0.0173	0.0	0.0174	0.0	0.0174	0.0
0.0174	0.0	0.0174	0.0	0.0175	0.0	0.0175	0.0	0.0175	0.0
0.0176	0.0	0.0176	0.0	0.0176	0.0	0.0177	0.0	0.0177	0.0
0.0177	0.0	0.0177	0.0	0.0178	0.0	0.0178	0.0	0.0178	0.0
0.0179	0.0	0.0179	0.0	0.0179	0.0	0.0180	0.0	0.0180	0.0
0.0180	0.0	0.0181	0.0	0.0181	0.0	0.0181	0.0	0.0182	0.0
0.0182	0.0	0.0182	0.0	0.0183	0.0	0.0183	0.0	0.0183	0.0
0.0184	0.0	0.0184	0.0	0.0184	0.0	0.0185	0.0	0.0185	0.0
0.0185	0.0	0.0186	0.0	0.0186	0.0	0.0186	0.0	0.0187	0.0
0.0187	0.0	0.0187	0.0	0.0188	0.0	0.0188	0.0	0.0188	0.0
0.0189	0.0	0.0189	0.0	0.0189	0.0	0.0190	0.0	0.0190	0.0
0.0190	0.0	0.0191	0.0	0.0191	0.0	0.0191	0.0	0.0192	0.0
0.0192	0.0	0.0192	0.0	0.0193	0.0	0.0193	0.0	0.0194	0.0
0.0194	0.0	0.0194	0.0	0.0195	0.0	0.0195	0.0	0.0195	0.0
0.0196	0.0	0.0196	0.0	0.0197	0.0	0.0197	0.0	0.0197	0.0
0.0198	0.0	0.0198	0.0	0.0198	0.0	0.0199	0.0	0.0199	0.0
0.0200	0.0	0.0200	0.0	0.0200	0.0	0.0201	0.0	0.0201	0.0
0.0202	0.0	0.0202	0.0	0.0202	0.0	0.0203	0.0	0.0203	0.0
0.0204	0.0	0.0204	0.0	0.0204	0.0	0.0205	0.0	0.0205	0.0
0.0206	0.0	0.0206	0.0	0.0206	0.0	0.0207	0.0	0.0207	0.0
0.0208	0.0	0.0208	0.0	0.0209	0.0	0.0209	0.0	0.0209	0.0
0.0210	0.0	0.0210	0.0	0.0211	0.0	0.0211	0.0	0.0212	0.0
0.0212	0.0	0.0212	0.0	0.0213	0.0	0.0213	0.0	0.0214	0.0
0.0214	0.0	0.0215	0.0	0.0215	0.0	0.0216	0.0	0.0216	0.0
0.0216	0.0	0.0217	0.0	0.0217	0.0	0.0218	0.0	0.0218	0.0
0.0219	0.0	0.0219	0.0	0.0220	0.0	0.0220	0.0	0.0221	0.0
0.0221	0.0	0.0222	0.0	0.0222	0.0	0.0223	0.0	0.0223	0.0
0.0224	0.0	0.0224	0.0	0.0225	0.0	0.0225	0.0	0.0226	0.0
0.0226	0.0	0.0227	0.0	0.0227	0.0	0.0228	0.0	0.0228	0.0
0.0229	0.0	0.0229	0.0	0.0230	0.0	0.0230	0.0	0.0231	0.0
0.0231	0.0	0.0232	0.0	0.0232	0.0	0.0233	0.0	0.0233	0.0
0.0234	0.0	0.0234	0.0	0.0235	0.0	0.0235	0.0	0.0236	0.0
0.0236	0.0	0.0237	0.0	0.0238	0.0	0.0238	0.0	0.0239	0.0
0.0239	0.0	0.0240	0.0	0.0240	0.0	0.0241	0.0	0.0242	0.0

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0242	0.0	0.0243	0.0	0.0243	0.0	0.0244	0.0	0.0244	0.0
0.0245	0.0	0.0246	0.0	0.0246	0.0	0.0247	0.0	0.0247	0.0
0.0248	0.0	0.0249	0.0	0.0249	0.0	0.0250	0.0	0.0250	0.0
0.0251	0.0	0.0252	0.0	0.0252	0.0	0.0253	0.0	0.0253	0.0
0.0254	0.0	0.0255	0.0	0.0255	0.0	0.0256	0.0	0.0257	0.0
0.0257	0.0	0.0258	0.0	0.0259	0.0	0.0259	0.0	0.0260	0.0
0.0261	0.0	0.0261	0.0	0.0262	0.0	0.0263	0.0	0.0263	0.0
0.0264	0.0	0.0265	0.0	0.0265	0.0	0.0266	0.0	0.0267	0.0
0.0267	0.0	0.0268	0.0	0.0269	0.0	0.0269	0.0	0.0270	0.0
0.0271	0.0	0.0272	0.0	0.0272	0.0	0.0273	0.0	0.0274	0.0
0.0275	0.0	0.0275	0.0	0.0276	0.0	0.0277	0.0	0.0278	0.0
0.0278	0.0	0.0279	0.0	0.0280	0.0	0.0281	0.0	0.0281	0.0
0.0282	0.0	0.0283	0.0	0.0284	0.0	0.0284	0.0	0.0285	0.0
0.0286	0.0	0.0287	0.0	0.0288	0.0	0.0288	0.0	0.0289	0.0
0.0290	0.0	0.0291	0.0	0.0292	0.0	0.0293	0.0	0.0293	0.0
0.0294	0.0	0.0295	0.0	0.0296	0.0	0.0297	0.0	0.0298	0.0
0.0299	0.0	0.0299	0.0	0.0300	0.0	0.0301	0.0	0.0302	0.0
0.0303	0.0	0.0304	0.0	0.0305	0.0	0.0306	0.0	0.0307	0.0
0.0308	0.0	0.0308	0.0	0.0309	0.0	0.0310	0.0	0.0311	0.0
0.0312	0.0	0.0313	0.0	0.0314	0.0	0.0315	0.0	0.0316	0.0
0.0317	0.0	0.0318	0.0	0.0319	0.0	0.0320	0.0	0.0321	0.0
0.0322	0.0	0.0323	0.0	0.0324	0.0	0.0325	0.0	0.0326	0.0
0.0327	0.0	0.0328	0.0	0.0329	0.0	0.0330	0.0	0.0331	0.0
0.0332	0.0	0.0334	0.0	0.0335	0.0	0.0336	0.0	0.0337	0.0
0.0338	0.0	0.0339	0.0	0.0340	0.0	0.0341	0.0	0.0342	0.0
0.0344	0.0	0.0345	0.0	0.0346	0.0	0.0347	0.0	0.0348	0.0
0.0349	0.0	0.0351	0.0	0.0352	0.0	0.0353	0.0	0.0354	0.0
0.0356	0.0	0.0357	0.0	0.0358	0.0	0.0359	0.0	0.0361	0.0
0.0362	0.0	0.0363	0.0	0.0364	0.0	0.0366	0.0	0.0367	0.0
0.0368	0.0	0.0370	0.0	0.0371	0.0	0.0372	0.0	0.0374	0.0
0.0375	0.0	0.0376	0.0	0.0378	0.0	0.0379	0.0	0.0381	0.0
0.0382	0.0	0.0384	0.0	0.0385	0.0	0.0386	0.0	0.0388	0.0
0.0389	0.0	0.0391	0.0	0.0392	0.0	0.0394	0.0	0.0395	0.0
0.0397	0.0	0.0398	0.0	0.0400	0.0	0.0402	0.0	0.0403	0.0
0.0405	0.0	0.0406	0.0	0.0408	0.0	0.0410	0.0	0.0411	0.0
0.0413	0.0	0.0415	0.0	0.0416	0.0	0.0418	0.0	0.0420	0.0
0.0421	0.0	0.0423	0.0	0.0425	0.0	0.0427	0.0	0.0428	0.0
0.0430	0.0	0.0432	0.0	0.0434	0.0	0.0436	0.0	0.0438	0.0
0.0439	0.0	0.0441	0.0	0.0443	0.0	0.0445	0.0	0.0447	0.0
0.0449	0.0	0.0451	0.0	0.0453	0.0	0.0455	0.0	0.0457	0.0
0.0459	0.0	0.0461	0.0	0.0463	0.0	0.0465	0.0	0.0468	0.0
0.0470	0.0	0.0472	0.0	0.0474	0.0	0.0476	0.0	0.0479	0.0
0.0481	0.0	0.0483	0.0	0.0485	0.0	0.0488	0.0	0.0490	0.0
0.0492	0.0	0.0495	0.0	0.0497	0.0	0.0500	0.0	0.0502	0.0000
0.0505	0.0000	0.0507	0.0010	0.0509	0.0003	0.0512	0.0003	0.0515	0.0004
0.0517	0.0007	0.0520	0.0007	0.0522	0.0000	0.0525	0.0027	0.0528	0.0001
0.0531	0.0002	0.0533	0.0005	0.0536	0.0007	0.0539	0.0003	0.0542	0.0000
0.0545	0.0010	0.0548	0.0003	0.0551	0.0006	0.0554	0.0008	0.0557	0.0005
0.0560	0.0009	0.0563	0.0023	0.0566	0.0000	0.0569	0.0005	0.0572	0.0008
0.0575	0.0004	0.0579	0.0000	0.0582	0.0009	0.0585	0.0009	0.0589	0.0014
0.0592	0.0022	0.0595	0.0000	0.0599	0.0002	0.0602	0.0001	0.0606	0.0000
0.0610	0.0004	0.0613	0.0017	0.0617	0.0007	0.0621	0.0012	0.0624	0.0004
0.0628	0.0014	0.0632	0.0015	0.0636	0.0003	0.0640	0.0031	0.0644	0.0003
0.0648	0.0007	0.0652	0.0012	0.0656	0.0013	0.0661	0.0012	0.0665	0.0000
0.0669	0.0015	0.0674	0.0005	0.0678	0.0008	0.0683	0.0018	0.0687	0.0013
0.0692	0.0035	0.0697	0.0009	0.0701	0.0003	0.0706	0.0072	0.0711	0.0033
0.0716	0.0012	0.0721	0.0034	0.0726	0.0022	0.0731	0.0002	0.0737	0.0055
0.0742	0.0010	0.0747	0.0015	0.0753	0.0017	0.0759	0.0007	0.0764	0.0003
0.0770	0.0044	0.0776	0.0078	0.0782	0.0051	0.0788	0.0014	0.0794	0.0057
0.0800	0.0022	0.0806	0.0010	0.0813	0.0012	0.0819	0.0017	0.0826	0.0046

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0833	0.0015	0.0839	0.0186	0.0846	0.0012	0.0853	0.0013	0.0861	0.0108
0.0868	0.0091	0.0875	0.0000	0.0883	0.0009	0.0890	0.0030	0.0898	0.0055
0.0906	0.0037	0.0914	0.0084	0.0923	0.0010	0.0931	0.0167	0.0939	0.0325
0.0948	0.0007	0.0957	0.0008	0.0966	0.0118	0.0975	0.0167	0.0985	0.0013
0.0994	0.0163	0.1004	0.0111	0.1014	0.0194	0.1024	0.0135	0.1034	0.0061
0.1045	0.0022	0.1056	0.0079	0.1067	0.0037	0.1078	0.0064	0.1089	0.0021
0.1101	0.0008	0.1113	0.0115	0.1125	0.0103	0.1138	0.0084	0.1151	0.0048
0.1164	0.0215	0.1177	0.0011	0.1191	0.0519	0.1205	0.0112	0.1219	0.0117
0.1234	0.0101	0.1249	0.0051	0.1264	0.0157	0.1280	0.0099	0.1296	0.0423
0.1313	0.0015	0.1330	0.0246	0.1347	0.0230	0.1365	0.0112	0.1384	0.0410
0.1403	0.0052	0.1422	0.0036	0.1442	0.0023	0.1463	0.0061	0.1484	0.0656
0.1506	0.1010	0.1528	0.1005	0.1552	0.1652	0.1575	0.2633	0.1600	0.0501
0.1625	0.1826	0.1652	0.1009	0.1679	0.0311	0.1707	0.2184	0.1736	0.1430
0.1766	0.2577	0.1796	0.1637	0.1829	0.0360	0.1862	0.0091	0.1896	0.0243
0.1932	0.1691	0.1969	0.1947	0.2008	0.0277	0.2048	0.0012	0.2090	0.2507
0.2133	0.1914	0.2179	0.0151	0.2226	0.0525	0.2276	0.0374	0.2327	0.0766
0.2381	0.1070	0.2438	0.1125	0.2498	0.1157	0.2560	0.0350	0.2626	0.0465
0.2695	0.0469	0.2768	0.2085	0.2844	0.0014	0.2926	0.0398	0.3012	0.0154
0.3103	0.1730	0.3200	0.0834	0.3303	0.2892	0.3413	0.0785	0.3531	0.0096
0.3657	0.2665	0.3793	0.1932	0.3938	0.1607	0.4096	0.5035	0.4267	0.0430
0.4452	0.1253	0.4655	1.0000	0.4876	0.2971	0.5120	0.0500	0.5389	0.5518
0.5689	0.6580	0.6024	0.3471	0.6400	0.0555	0.6827	0.2974	0.7314	0.2429
0.7877	0.0302	0.8533	0.3296	0.9309	0.7041	1.0240	0.0714	1.1378	0.1415
1.2800	0.1346	1.4629	0.0697	1.7067	0.1011	2.0480	0.2115	2.5600	0.2866
3.4133	0.2898	5.1200	0.0264	10.2400	0.0017				

* FOURIER SPECTRUM END. *

** POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000
0.0101	0.0000	0.0101	0.0000	0.0101	0.0001	0.0101	0.0002	0.0101	0.0002
0.0101	0.0001	0.0101	0.0000	0.0101	0.0000	0.0101	0.0001	0.0101	0.0001
0.0102	0.0001	0.0102	0.0000	0.0102	0.0000	0.0102	0.0001	0.0102	0.0001
0.0102	0.0001	0.0102	0.0000	0.0102	0.0000	0.0102	0.0001	0.0103	0.0001
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0104	0.0001
0.0104	0.0001	0.0104	0.0001	0.0104	0.0000	0.0104	0.0001	0.0104	0.0001
0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0001	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0106	0.0001	0.0106	0.0001
0.0106	0.0001	0.0106	0.0000	0.0106	0.0000	0.0106	0.0000	0.0106	0.0001
0.0106	0.0001	0.0106	0.0000	0.0107	0.0000	0.0107	0.0001	0.0107	0.0001
0.0107	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0001	0.0107	0.0001
0.0107	0.0001	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0109	0.0001	0.0109	0.0001
0.0109	0.0001	0.0109	0.0000	0.0109	0.0000	0.0110	0.0001	0.0110	0.0001
0.0110	0.0001	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000
0.0110	0.0000	0.0110	0.0000	0.0111	0.0001	0.0111	0.0000	0.0111	0.0001
0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0001
0.0112	0.0001	0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0112	0.0001
0.0112	0.0001	0.0112	0.0000	0.0112	0.0000	0.0113	0.0001	0.0113	0.0002
0.0113	0.0001	0.0113	0.0001	0.0113	0.0001	0.0113	0.0001	0.0113	0.0001
0.0113	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0001	0.0114	0.0001
0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0001	0.0115	0.0001
0.0115	0.0000	0.0115	0.0000	0.0115	0.0000	0.0115	0.0001	0.0115	0.0001
0.0115	0.0001	0.0115	0.0001	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000
0.0116	0.0000	0.0116	0.0000	0.0116	0.0001	0.0116	0.0001	0.0116	0.0001
0.0117	0.0001	0.0117	0.0000	0.0117	0.0001	0.0117	0.0001	0.0117	0.0001
0.0117	0.0001	0.0117	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0000
0.0118	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0001	0.0119	0.0001
0.0119	0.0000	0.0119	0.0001	0.0119	0.0001	0.0119	0.0001	0.0119	0.0001
0.0119	0.0001	0.0119	0.0000	0.0120	0.0000	0.0120	0.0001	0.0120	0.0001
0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0121	0.0000
0.0121	0.0001	0.0121	0.0000	0.0121	0.0001	0.0121	0.0001	0.0121	0.0001
0.0121	0.0001	0.0122	0.0000	0.0122	0.0000	0.0122	0.0000	0.0122	0.0001
0.0122	0.0001	0.0122	0.0000	0.0122	0.0000	0.0123	0.0000	0.0123	0.0001
0.0123	0.0001	0.0123	0.0000	0.0123	0.0001	0.0123	0.0001	0.0124	0.0001
0.0124	0.0000	0.0124	0.0000	0.0124	0.0001	0.0124	0.0001	0.0124	0.0001
0.0124	0.0000	0.0125	0.0000	0.0125	0.0000	0.0125	0.0001	0.0125	0.0001
0.0125	0.0001	0.0125	0.0000	0.0125	0.0000	0.0126	0.0000	0.0126	0.0001
0.0126	0.0001	0.0126	0.0000	0.0126	0.0000	0.0126	0.0001	0.0127	0.0001
0.0127	0.0001	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000
0.0128	0.0000	0.0128	0.0001	0.0128	0.0002	0.0128	0.0001	0.0128	0.0001
0.0128	0.0000	0.0128	0.0000	0.0129	0.0000	0.0129	0.0001	0.0129	0.0001
0.0129	0.0001	0.0129	0.0000	0.0129	0.0000	0.0130	0.0000	0.0130	0.0000
0.0130	0.0000	0.0130	0.0000	0.0130	0.0000	0.0130	0.0001	0.0131	0.0002
0.0131	0.0000	0.0131	0.0000	0.0131	0.0001	0.0131	0.0002	0.0131	0.0002
0.0132	0.0000	0.0132	0.0000	0.0132	0.0000	0.0132	0.0001	0.0132	0.0001
0.0132	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000
0.0133	0.0000	0.0134	0.0000	0.0134	0.0000	0.0134	0.0001	0.0134	0.0001
0.0134	0.0001	0.0134	0.0001	0.0135	0.0000	0.0135	0.0000	0.0135	0.0000
0.0135	0.0000	0.0135	0.0000	0.0135	0.0001	0.0136	0.0001	0.0136	0.0001
0.0136	0.0001	0.0136	0.0000	0.0136	0.0001	0.0137	0.0002	0.0137	0.0001
0.0137	0.0000	0.0137	0.0000	0.0137	0.0000	0.0137	0.0001	0.0138	0.0001
0.0138	0.0000	0.0138	0.0000	0.0138	0.0001	0.0138	0.0001	0.0139	0.0001
0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0140	0.0001
0.0140	0.0002	0.0140	0.0001	0.0140	0.0001	0.0140	0.0001	0.0140	0.0001
0.0141	0.0000	0.0141	0.0000	0.0141	0.0000	0.0141	0.0001	0.0141	0.0001

** POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0142	0.0000	0.0142	0.0000	0.0142	0.0001	0.0142	0.0001	0.0142	0.0002
0.0143	0.0001	0.0143	0.0000	0.0143	0.0001	0.0143	0.0001	0.0143	0.0000
0.0144	0.0000	0.0144	0.0000	0.0144	0.0001	0.0144	0.0001	0.0144	0.0001
0.0145	0.0000	0.0145	0.0001	0.0145	0.0001	0.0145	0.0001	0.0145	0.0002
0.0146	0.0001	0.0146	0.0000	0.0146	0.0001	0.0146	0.0001	0.0146	0.0001
0.0147	0.0000	0.0147	0.0000	0.0147	0.0001	0.0147	0.0001	0.0148	0.0001
0.0148	0.0001	0.0148	0.0000	0.0148	0.0000	0.0148	0.0000	0.0149	0.0001
0.0149	0.0000	0.0149	0.0001	0.0149	0.0002	0.0149	0.0001	0.0150	0.0001
0.0150	0.0000	0.0150	0.0000	0.0150	0.0000	0.0151	0.0001	0.0151	0.0001
0.0151	0.0001	0.0151	0.0001	0.0151	0.0001	0.0152	0.0002	0.0152	0.0001
0.0152	0.0001	0.0152	0.0001	0.0153	0.0000	0.0153	0.0001	0.0153	0.0000
0.0153	0.0000	0.0154	0.0000	0.0154	0.0001	0.0154	0.0001	0.0154	0.0000
0.0154	0.0000	0.0155	0.0000	0.0155	0.0001	0.0155	0.0001	0.0155	0.0001
0.0156	0.0001	0.0156	0.0000	0.0156	0.0001	0.0156	0.0002	0.0157	0.0002
0.0157	0.0001	0.0157	0.0000	0.0157	0.0000	0.0158	0.0001	0.0158	0.0002
0.0158	0.0002	0.0158	0.0001	0.0159	0.0000	0.0159	0.0001	0.0159	0.0001
0.0159	0.0000	0.0160	0.0001	0.0160	0.0001	0.0160	0.0001	0.0160	0.0001
0.0161	0.0001	0.0161	0.0000	0.0161	0.0000	0.0161	0.0001	0.0162	0.0001
0.0162	0.0000	0.0162	0.0001	0.0162	0.0001	0.0163	0.0001	0.0163	0.0000
0.0163	0.0000	0.0163	0.0000	0.0164	0.0001	0.0164	0.0004	0.0164	0.0002
0.0164	0.0001	0.0165	0.0000	0.0165	0.0000	0.0165	0.0001	0.0165	0.0001
0.0166	0.0001	0.0166	0.0000	0.0166	0.0000	0.0167	0.0001	0.0167	0.0001
0.0167	0.0001	0.0167	0.0001	0.0168	0.0003	0.0168	0.0003	0.0168	0.0001
0.0168	0.0002	0.0169	0.0000	0.0169	0.0001	0.0169	0.0003	0.0170	0.0003
0.0170	0.0002	0.0170	0.0000	0.0170	0.0001	0.0171	0.0000	0.0171	0.0002
0.0171	0.0002	0.0171	0.0001	0.0172	0.0001	0.0172	0.0002	0.0172	0.0002
0.0173	0.0001	0.0173	0.0000	0.0173	0.0002	0.0174	0.0001	0.0174	0.0000
0.0174	0.0000	0.0174	0.0000	0.0175	0.0000	0.0175	0.0001	0.0175	0.0002
0.0176	0.0001	0.0176	0.0000	0.0176	0.0002	0.0177	0.0004	0.0177	0.0003
0.0177	0.0002	0.0177	0.0003	0.0178	0.0003	0.0178	0.0002	0.0178	0.0003
0.0179	0.0002	0.0179	0.0000	0.0179	0.0002	0.0180	0.0001	0.0180	0.0000
0.0180	0.0000	0.0181	0.0001	0.0181	0.0001	0.0181	0.0002	0.0182	0.0002
0.0182	0.0000	0.0182	0.0000	0.0183	0.0001	0.0183	0.0001	0.0183	0.0001
0.0184	0.0000	0.0184	0.0000	0.0184	0.0000	0.0185	0.0000	0.0185	0.0001
0.0185	0.0000	0.0186	0.0000	0.0186	0.0001	0.0186	0.0003	0.0187	0.0001
0.0187	0.0000	0.0187	0.0002	0.0188	0.0001	0.0188	0.0002	0.0188	0.0002
0.0189	0.0003	0.0189	0.0003	0.0189	0.0001	0.0190	0.0001	0.0190	0.0001
0.0190	0.0000	0.0191	0.0001	0.0191	0.0002	0.0191	0.0002	0.0192	0.0002
0.0192	0.0003	0.0192	0.0001	0.0193	0.0002	0.0193	0.0004	0.0194	0.0002
0.0194	0.0001	0.0194	0.0000	0.0195	0.0003	0.0195	0.0003	0.0195	0.0001
0.0196	0.0001	0.0196	0.0001	0.0197	0.0000	0.0197	0.0002	0.0197	0.0002
0.0198	0.0000	0.0198	0.0001	0.0198	0.0002	0.0199	0.0000	0.0199	0.0000
0.0200	0.0001	0.0200	0.0001	0.0200	0.0000	0.0201	0.0001	0.0201	0.0003
0.0202	0.0002	0.0202	0.0000	0.0202	0.0001	0.0203	0.0003	0.0203	0.0002
0.0204	0.0002	0.0204	0.0002	0.0204	0.0000	0.0205	0.0002	0.0205	0.0004
0.0206	0.0002	0.0206	0.0001	0.0206	0.0005	0.0207	0.0003	0.0207	0.0000
0.0208	0.0004	0.0208	0.0003	0.0209	0.0002	0.0209	0.0001	0.0209	0.0001
0.0210	0.0000	0.0210	0.0000	0.0211	0.0002	0.0211	0.0002	0.0212	0.0000
0.0212	0.0000	0.0212	0.0000	0.0213	0.0000	0.0213	0.0002	0.0214	0.0006
0.0214	0.0005	0.0215	0.0001	0.0215	0.0001	0.0216	0.0001	0.0216	0.0002
0.0216	0.0002	0.0217	0.0002	0.0217	0.0003	0.0218	0.0002	0.0218	0.0003
0.0219	0.0003	0.0219	0.0000	0.0220	0.0006	0.0220	0.0007	0.0221	0.0002
0.0221	0.0001	0.0222	0.0005	0.0222	0.0002	0.0223	0.0001	0.0223	0.0006
0.0224	0.0002	0.0224	0.0001	0.0225	0.0002	0.0225	0.0002	0.0226	0.0002
0.0226	0.0003	0.0227	0.0003	0.0227	0.0002	0.0228	0.0000	0.0228	0.0001
0.0229	0.0003	0.0229	0.0000	0.0230	0.0004	0.0230	0.0010	0.0231	0.0006
0.0231	0.0000	0.0232	0.0001	0.0232	0.0002	0.0233	0.0003	0.0233	0.0008
0.0234	0.0006	0.0234	0.0002	0.0235	0.0003	0.0235	0.0003	0.0236	0.0002
0.0236	0.0002	0.0237	0.0000	0.0238	0.0001	0.0238	0.0003	0.0239	0.0000
0.0239	0.0002	0.0240	0.0003	0.0240	0.0000	0.0241	0.0008	0.0242	0.0007

** POWER SPECTRUM **

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PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM
0.0242	0.0000	0.0243	0.0003	0.0243	0.0001	0.0244	0.0005	0.0244	0.0008
0.0245	0.0002	0.0246	0.0001	0.0246	0.0004	0.0247	0.0003	0.0247	0.0001
0.0248	0.0000	0.0249	0.0006	0.0249	0.0022	0.0250	0.0024	0.0250	0.0007
0.0251	0.0000	0.0252	0.0004	0.0252	0.0000	0.0253	0.0004	0.0253	0.0010
0.0254	0.0002	0.0255	0.0003	0.0255	0.0007	0.0256	0.0003	0.0257	0.0003
0.0257	0.0004	0.0258	0.0006	0.0259	0.0007	0.0259	0.0001	0.0260	0.0007
0.0261	0.0011	0.0261	0.0004	0.0262	0.0016	0.0263	0.0027	0.0263	0.0008
0.0264	0.0001	0.0265	0.0001	0.0265	0.0002	0.0266	0.0005	0.0267	0.0005
0.0267	0.0003	0.0268	0.0007	0.0269	0.0007	0.0269	0.0003	0.0270	0.0002
0.0271	0.0000	0.0272	0.0003	0.0272	0.0010	0.0273	0.0006	0.0274	0.0003
0.0275	0.0012	0.0275	0.0006	0.0276	0.0000	0.0277	0.0008	0.0278	0.0004
0.0278	0.0005	0.0279	0.0019	0.0280	0.0009	0.0281	0.0003	0.0281	0.0023
0.0282	0.0012	0.0283	0.0000	0.0284	0.0007	0.0284	0.0005	0.0285	0.0011
0.0286	0.0008	0.0287	0.0000	0.0288	0.0004	0.0288	0.0004	0.0289	0.0000
0.0290	0.0006	0.0291	0.0009	0.0292	0.0007	0.0293	0.0009	0.0293	0.0005
0.0294	0.0014	0.0295	0.0029	0.0296	0.0022	0.0297	0.0004	0.0298	0.0000
0.0299	0.0003	0.0299	0.0002	0.0300	0.0002	0.0301	0.0001	0.0302	0.0002
0.0303	0.0000	0.0304	0.0003	0.0305	0.0004	0.0306	0.0003	0.0307	0.0017
0.0308	0.0021	0.0308	0.0007	0.0309	0.0001	0.0310	0.0012	0.0311	0.0017
0.0312	0.0004	0.0313	0.0009	0.0314	0.0014	0.0315	0.0009	0.0316	0.0015
0.0317	0.0011	0.0318	0.0003	0.0319	0.0014	0.0320	0.0031	0.0321	0.0019
0.0322	0.0003	0.0323	0.0001	0.0324	0.0007	0.0325	0.0009	0.0326	0.0012
0.0327	0.0027	0.0328	0.0013	0.0329	0.0002	0.0330	0.0012	0.0331	0.0005
0.0332	0.0000	0.0334	0.0000	0.0335	0.0015	0.0336	0.0019	0.0337	0.0005
0.0338	0.0004	0.0339	0.0008	0.0340	0.0005	0.0341	0.0018	0.0342	0.0032
0.0344	0.0013	0.0345	0.0008	0.0346	0.0035	0.0347	0.0032	0.0348	0.0009
0.0349	0.0005	0.0351	0.0003	0.0352	0.0043	0.0353	0.0072	0.0354	0.0007
0.0356	0.0033	0.0357	0.0045	0.0358	0.0010	0.0359	0.0053	0.0361	0.0034
0.0362	0.0000	0.0363	0.0022	0.0364	0.0018	0.0366	0.0002	0.0367	0.0043
0.0368	0.0055	0.0370	0.0019	0.0371	0.0010	0.0372	0.0022	0.0374	0.0015
0.0375	0.0007	0.0376	0.0017	0.0378	0.0015	0.0379	0.0007	0.0381	0.0007
0.0382	0.0005	0.0384	0.0013	0.0385	0.0044	0.0386	0.0079	0.0388	0.0076
0.0389	0.0053	0.0391	0.0051	0.0392	0.0055	0.0394	0.0014	0.0395	0.0015
0.0397	0.0057	0.0398	0.0023	0.0400	0.0022	0.0402	0.0042	0.0403	0.0010
0.0405	0.0003	0.0406	0.0012	0.0408	0.0007	0.0410	0.0017	0.0411	0.0002
0.0413	0.0046	0.0415	0.0103	0.0416	0.0015	0.0418	0.0072	0.0420	0.0186
0.0421	0.0965	0.0423	0.0012	0.0425	0.0033	0.0427	0.0013	0.0428	0.0097
0.0430	0.0108	0.0432	0.0075	0.0434	0.0091	0.0436	0.0032	0.0438	0.0000
0.0439	0.0006	0.0441	0.0009	0.0443	0.0023	0.0445	0.0030	0.0447	0.0034
0.0449	0.0055	0.0451	0.0076	0.0453	0.0037	0.0455	0.0033	0.0457	0.0084
0.0459	0.0038	0.0461	0.0010	0.0463	0.0168	0.0465	0.0167	0.0468	0.0035
0.0470	0.0325	0.0472	0.0261	0.0474	0.0007	0.0476	0.0057	0.0479	0.0008
0.0481	0.0080	0.0483	0.0118	0.0485	0.0008	0.0488	0.0167	0.0490	0.0232
0.0492	0.0013	0.0495	0.0207	0.0497	0.0163	0.0500	0.0010	0.0502	0.0111
0.0504	0.0103	0.0507	0.0194	0.0509	0.0215	0.0512	0.0135	0.0515	0.0116
0.0517	0.0061	0.0520	0.0033	0.0522	0.0022	0.0525	0.0004	0.0528	0.0079
0.0531	0.0101	0.0533	0.0037	0.0536	0.0029	0.0539	0.0064	0.0542	0.0074
0.0545	0.0021	0.0548	0.0017	0.0551	0.0008	0.0554	0.0033	0.0557	0.0115
0.0560	0.0020	0.0563	0.0103	0.0566	0.0249	0.0569	0.0084	0.0572	0.0005
0.0575	0.0048	0.0579	0.0350	0.0582	0.0715	0.0585	0.0043	0.0589	0.0011
0.0592	0.0686	0.0595	0.0519	0.0599	0.0523	0.0602	0.0112	0.0606	0.0070
0.0610	0.0117	0.0613	0.0039	0.0617	0.0101	0.0621	0.0058	0.0624	0.0021
0.0628	0.0237	0.0632	0.0157	0.0636	0.0053	0.0640	0.0099	0.0644	0.0228
0.0648	0.0423	0.0652	0.0256	0.0656	0.0015	0.0661	0.0212	0.0665	0.0246
0.0669	0.0052	0.0674	0.0230	0.0678	0.0093	0.0683	0.0112	0.0687	0.0614
0.0692	0.0410	0.0697	0.0050	0.0701	0.0052	0.0706	0.0014	0.0711	0.0036
0.0716	0.0079	0.0721	0.0023	0.0726	0.0036	0.0731	0.0061	0.0737	0.0297
0.0742	0.0656	0.0747	0.0973	0.0753	0.1010	0.0759	0.0483	0.0764	0.1005
0.0770	0.2406	0.0776	0.1652	0.0782	0.1944	0.0788	0.2633	0.0794	0.2178
0.0800	0.0501	0.0806	0.0715	0.0813	0.1826	0.0819	0.1690	0.0826	0.1009

** POWER SPECTRUM **

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PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM
0.0833	0.0986	0.0839	0.0311	0.0846	0.0745	0.0853	0.2184	0.0861	0.2112
0.0868	0.1430	0.0875	0.1401	0.0883	0.2577	0.0890	0.3210	0.0898	0.1637
0.0906	0.0345	0.0914	0.0360	0.0923	0.0093	0.0931	0.0091	0.0939	0.0181
0.0948	0.0243	0.0957	0.1548	0.0966	0.1691	0.0975	0.1029	0.0985	0.1947
0.0994	0.1477	0.1004	0.0227	0.1014	0.0277	0.1024	0.0012	0.1034	0.1509
0.1045	0.2507	0.1056	0.1332	0.1067	0.1919	0.1078	0.1271	0.1089	0.0151
0.1101	0.0731	0.1113	0.0525	0.1125	0.0264	0.1138	0.0374	0.1151	0.0302
0.1164	0.0766	0.1177	0.1518	0.1191	0.1070	0.1205	0.0992	0.1219	0.1125
0.1234	0.0677	0.1249	0.1157	0.1264	0.0622	0.1280	0.0350	0.1296	0.0465
0.1313	0.0465	0.1330	0.1339	0.1347	0.0469	0.1365	0.1020	0.1384	0.2085
0.1403	0.0741	0.1422	0.0014	0.1442	0.0239	0.1463	0.0398	0.1484	0.0097
0.1506	0.0154	0.1528	0.0202	0.1552	0.1730	0.1575	0.2960	0.1600	0.0834
0.1625	0.1542	0.1652	0.2892	0.1679	0.0437	0.1707	0.0785	0.1736	0.1594
0.1766	0.0096	0.1796	0.1761	0.1829	0.2665	0.1862	0.0516	0.1896	0.1932
0.1932	0.3618	0.1969	0.1607	0.2008	0.2489	0.2048	0.5035	0.2090	0.2927
0.2133	0.0430	0.2179	0.0884	0.2226	0.1253	0.2276	0.4913	0.2327	1.0000
0.2381	0.6750	0.2438	0.2921	0.2498	0.3794	0.2560	0.0500	0.2626	0.1583
0.2695	0.5518	0.2768	0.5467	0.2844	0.6580	0.2926	0.6784	0.3012	0.3471
0.3103	0.1372	0.3200	0.0555	0.3303	0.0329	0.3413	0.2974	0.3531	0.4480
0.3657	0.2429	0.3793	0.0541	0.3938	0.0302	0.4096	0.1854	0.4267	0.3296
0.4452	0.4764	0.4655	0.7041	0.4876	0.4655	0.5120	0.0714	0.5389	0.1135
0.5689	0.1415	0.6024	0.1200	0.6400	0.1346	0.6827	0.0895	0.7314	0.0697
0.7877	0.0424	0.8533	0.1011	0.9309	0.0765	1.0240	0.2115	1.1378	0.2815
1.2800	0.2866	1.4629	0.4263	1.7067	0.2898	2.0480	0.0377	2.5600	0.0264
3.4133	0.0234	5.1200	0.0017	10.2400	0.0238				

* POWER SPECTRUM END. *

** AUTO-CORRELATION FUNCTION **

TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
0.0	1.0000	0.0100	0.9643	0.0200	0.8741	0.0300	0.7488	0.0400	0.6079
0.0500	0.4674	0.0600	0.3387	0.0700	0.2290	0.0800	0.1420	0.0900	0.0789
0.1000	0.0379	0.1100	0.0158	0.1200	0.0089	0.1300	0.0121	0.1400	0.0194
0.1500	0.0237	0.1600	0.0193	0.1700	0.0025	0.1800	-0.0280	0.1900	-0.0708
0.2000	-0.1220	0.2100	-0.1767	0.2200	-0.2286	0.2300	-0.2718	0.2400	-0.3005
0.2500	-0.3121	0.2600	-0.3064	0.2700	-0.2853	0.2800	-0.2528	0.2900	-0.2135
0.3000	-0.1720	0.3100	-0.1322	0.3200	-0.0974	0.3300	-0.0689	0.3400	-0.0477
0.3500	-0.0342	0.3600	-0.0277	0.3700	-0.0265	0.3800	-0.0278	0.3900	-0.0287
0.4000	-0.0267	0.4100	-0.0197	0.4200	-0.0066	0.4300	0.0128	0.4400	0.0369
0.4500	0.0631	0.4600	0.0874	0.4700	0.1062	0.4800	0.1163	0.4900	0.1163
0.5000	0.1053	0.5100	0.0951	0.5200	0.0595	0.5300	0.0334	0.5400	0.0108
0.5500	-0.0057	0.5600	-0.0151	0.5700	-0.0182	0.5800	-0.0173	0.5900	-0.0135
0.6000	-0.0078	0.6100	-0.0023	0.6200	0.0012	0.6300	0.0020	0.6400	-0.0009
0.6500	-0.0076	0.6600	-0.0176	0.6700	-0.0298	0.6800	-0.0429	0.6900	-0.0559
0.7000	-0.0678	0.7100	-0.0774	0.7200	-0.0828	0.7300	-0.0825	0.7400	-0.0767
0.7500	-0.0669	0.7600	-0.0549	0.7700	-0.0426	0.7800	-0.0319	0.7900	-0.0241
0.8000	-0.0198	0.8100	-0.0167	0.8200	-0.0150	0.8300	-0.0144	0.8400	-0.0146
0.8500	-0.0152	0.8600	-0.0153	0.8700	-0.0127	0.8800	-0.0065	0.8900	0.0031
0.9000	0.0147	0.9100	0.0268	0.9200	0.0372	0.9300	0.0435	0.9400	0.0444
0.9500	0.0404	0.9600	0.0338	0.9700	0.0282	0.9800	0.0264	0.9900	0.0292
1.0000	0.0353	1.0100	0.0427	1.0200	0.0500	1.0300	0.0558	1.0400	0.0593
1.0500	0.0597	1.0600	0.0558	1.0700	0.0471	1.0800	0.0338	1.0900	0.0160
1.1000	-0.0058	1.1100	-0.0303	1.1200	-0.0549	1.1300	-0.0762	1.1400	-0.0906
1.1500	-0.0963	1.1600	-0.0935	1.1700	-0.0834	1.1800	-0.0685	1.1900	-0.0514
1.2000	-0.0351	1.2100	-0.0224	1.2200	-0.0150	1.2300	-0.0134	1.2400	-0.0185
1.2500	-0.0307	1.2600	-0.0482	1.2700	-0.0677	1.2800	-0.0872	1.2900	-0.1050
1.3000	-0.1195	1.3100	-0.1295	1.3200	-0.1353	1.3300	-0.1351	1.3400	-0.1295
1.3500	-0.1198	1.3600	-0.1077	1.3700	-0.0945	1.3800	-0.0819	1.3900	-0.0719
1.4000	-0.0668	1.4100	-0.0685	1.4200	-0.0771	1.4300	-0.0907	1.4400	-0.1058
1.4500	-0.1193	1.4600	-0.1296	1.4700	-0.1349	1.4800	-0.1347	1.4900	-0.1289
1.5000	-0.1188	1.5100	-0.1039	1.5200	-0.0865	1.5300	-0.0678	1.5400	-0.0498
1.5500	-0.0343	1.5600	-0.0226	1.5700	-0.0150	1.5800	-0.0118	1.5900	-0.0127
1.6000	-0.0163	1.6100	-0.0209	1.6200	-0.0247	1.6300	-0.0266	1.6400	-0.0261
1.6500	-0.0232	1.6600	-0.0181	1.6700	-0.0110	1.6800	-0.0027	1.6900	0.0060
1.7000	0.0137	1.7100	0.0197	1.7200	0.0239	1.7300	0.0269	1.7400	0.0289
1.7500	0.0298	1.7600	0.0287	1.7700	0.0280	1.7800	0.0242	1.7900	0.0185
1.8000	0.0121	1.8100	0.0069	1.8200	0.0054	1.8300	0.0084	1.8400	0.0162
1.8500	0.0282	1.8600	0.0438	1.8700	0.0626	1.8800	0.0832	1.8900	0.1030
1.9000	0.1193	1.9100	0.1301	1.9200	0.1335	1.9300	0.1287	1.9400	0.1152
1.9500	0.0936	1.9600	0.0661	1.9700	0.0350	1.9800	0.0028	1.9900	-0.0284
2.0000	-0.0568	2.0100	-0.0805	2.0200	-0.0979	2.0300	-0.1083	2.0400	-0.1119
2.0500	-0.1097	2.0600	-0.1034	2.0700	-0.0945	2.0800	-0.0839	2.0900	-0.0722
2.1000	-0.0597	2.1100	-0.0466	2.1200	-0.0331	2.1300	-0.0201	2.1400	-0.0096
2.1500	-0.0035	2.1600	-0.0028	2.1700	-0.0064	2.1800	-0.0122	2.1900	-0.0178
2.2000	-0.0208	2.2100	-0.0193	2.2200	-0.0122	2.2300	0.0000	2.2400	0.0152
2.2500	0.0306	2.2600	0.0447	2.2700	0.0572	2.2800	0.0689	2.2900	0.0802
2.3000	0.0909	2.3100	0.0993	2.3200	0.1045	2.3300	0.1055	2.3400	0.1006
2.3500	0.0890	2.3600	0.0713	2.3700	0.0503	2.3800	0.0294	2.3900	0.0113
2.4000	-0.0030	2.4100	-0.0135	2.4200	-0.0207	2.4300	-0.0249	2.4400	-0.0266
2.4500	-0.0263	2.4600	-0.0247	2.4700	-0.0224	2.4800	-0.0206	2.4900	-0.0208
2.5000	-0.0240	2.5100	-0.0303	2.5200	-0.0393	2.5300	-0.0506	2.5400	-0.0634
2.5500	-0.0761	2.5600	-0.0872	2.5700	-0.0955	2.5800	-0.0997	2.5900	-0.0993
2.6000	-0.0940	2.6100	-0.0842	2.6200	-0.0712	2.6300	-0.0564	2.6400	-0.0406
2.6500	-0.0244	2.6600	-0.0077	2.6700	0.0096	2.6800	0.0287	2.6900	0.0482
2.7000	0.0682	2.7100	0.0892	2.7200	0.1102	2.7300	0.1306	2.7400	0.1489
2.7500	0.1642	2.7600	0.1758	2.7700	0.1843	2.7800	0.1902	2.7900	0.1940
2.8000	0.1957	2.8100	0.1964	2.8200	0.1962	2.8300	0.1947	2.8400	0.1916
2.8500	0.1862	2.8600	0.1785	2.8700	0.1688	2.8800	0.1576	2.8900	0.1445
2.9000	0.1298	2.9100	0.1143	2.9200	0.0989	2.9300	0.0838	2.9400	0.0679
2.9500	0.0496	2.9600	0.0288	2.9700	0.0072	2.9800	-0.0137	2.9900	-0.0339

** AUTO-CORRELATION FUNCTION **

TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
3.0000	-0.0540	3.0100	-0.0740	3.0200	-0.0933	3.0300	-0.1110	3.0400	-0.1257
3.0500	-0.1363	3.0600	-0.1436	3.0700	-0.1403	3.0800	-0.1345	3.0900	-0.1264
3.1000	-0.1181	3.1100	-0.1100	3.1200	-0.1027	3.1300	-0.0965	3.1400	-0.0913
3.1500	-0.0865	3.1600	-0.0815	3.1700	-0.0757	3.1800	-0.0687	3.1900	-0.0608
3.2000	-0.0520	3.2100	-0.0420	3.2200	-0.0303	3.2300	-0.0168	3.2400	-0.0023
3.2500	0.0118	3.2600	0.0230	3.2700	0.0313	3.2800	0.0372	3.2900	0.0412
3.3000	0.0434	3.3100	0.0446	3.3200	0.0431	3.3300	0.0455	3.3400	0.0458
3.3500	0.0458	3.3600	0.0448	3.3700	0.0425	3.3800	0.0386	3.3900	0.0332
3.4000	0.0268	3.4100	0.0202	3.4200	0.0141	3.4300	0.0086	3.4400	0.0035
3.4500	-0.0017	3.4600	-0.0076	3.4700	-0.0139	3.4800	-0.0200	3.4900	-0.0245
3.5000	-0.0260	3.5100	-0.0235	3.5200	-0.0166	3.5300	-0.0057	3.5400	0.0078
3.5500	0.0220	3.5600	0.0351	3.5700	0.0462	3.5800	0.0539	3.5900	0.0570
3.6000	0.0546	3.6100	0.0472	3.6200	0.0368	3.6300	0.0260	3.6400	0.0170
3.6500	0.0119	3.6600	0.0117	3.6700	0.0158	3.6800	0.0238	3.6900	0.0345
3.7000	0.0467	3.7100	0.0588	3.7200	0.0696	3.7300	0.0774	3.7400	0.0811
3.7500	0.0801	3.7600	0.0748	3.7700	0.0655	3.7800	0.0526	3.7900	0.0368
3.8000	0.0194	3.8100	0.0019	3.8200	-0.0142	3.8300	-0.0283	3.8400	-0.0400
3.8500	-0.0492	3.8600	-0.0556	3.8700	-0.0594	3.8800	-0.0608	3.8900	-0.0605
3.9000	-0.0590	3.9100	-0.0564	3.9200	-0.0529	3.9300	-0.0491	3.9400	-0.0465
3.9500	-0.0464	3.9600	-0.0493	3.9700	-0.0545	3.9800	-0.0603	3.9900	-0.0647
4.0000	-0.0665	4.0100	-0.0650	4.0200	-0.0600	4.0300	-0.0524	4.0400	-0.0434
4.0500	-0.0341	4.0600	-0.0248	4.0700	-0.0136	4.0800	-0.0063	4.0900	0.0030
4.1000	0.0114	4.1100	0.0165	4.1200	0.0209	4.1300	0.0235	4.1400	0.0240
4.1500	0.0221	4.1600	0.0179	4.1700	0.0125	4.1800	0.0068	4.1900	0.0020
4.2000	-0.0009	4.2100	-0.0012	4.2200	0.0016	4.2300	0.0070	4.2400	0.0131
4.2500	0.0181	4.2600	0.0213	4.2700	0.0218	4.2800	0.0193	4.2900	0.0124
4.3000	0.0006	4.3100	-0.0149	4.3200	-0.0318	4.3300	-0.0472	4.3400	-0.0586
4.3500	-0.0669	4.3600	-0.0654	4.3700	-0.0606	4.3800	-0.0511	4.3900	-0.0386
4.4000	-0.0253	4.4100	-0.0131	4.4200	-0.0042	4.4300	-0.0002	4.4400	-0.0016
4.4500	-0.0081	4.4600	-0.0179	4.4700	-0.0286	4.4800	-0.0382	4.4900	-0.0452
4.5000	-0.0490	4.5100	-0.0491	4.5200	-0.0455	4.5300	-0.0391	4.5400	-0.0306
4.5500	-0.0208	4.5600	-0.0103	4.5700	0.0007	4.5800	0.0122	4.5900	0.0236
4.6000	0.0344	4.6100	0.0434	4.6200	0.0494	4.6300	0.0511	4.6400	0.0484
4.6500	0.0420	4.6600	0.0334	4.6700	0.0240	4.6800	0.0153	4.6900	0.0088
4.7000	0.0059	4.7100	0.0068	4.7200	0.0108	4.7300	0.0165	4.7400	0.0227
4.7500	0.0283	4.7600	0.0321	4.7700	0.0324	4.7800	0.0292	4.7900	0.0194
4.8000	0.0039	4.8100	-0.0147	4.8200	-0.0324	4.8300	-0.0462	4.8400	-0.0552
4.8500	-0.0587	4.8600	-0.0566	4.8700	-0.0497	4.8800	-0.0393	4.8900	-0.0269
4.9000	-0.0140	4.9100	-0.0008	4.9200	0.0115	4.9300	0.0224	4.9400	0.0315
4.9500	0.0384	4.9600	0.0429	4.9700	0.0449	4.9800	0.0443	4.9900	0.0411
5.0000	0.0356	5.0100	0.0284	5.0200	0.0204	5.0300	0.0126	5.0400	0.0057
5.0500	-0.0000	5.0600	-0.0048	5.0700	-0.0092	5.0800	-0.0138	5.0900	-0.0190
5.1000	-0.0249	5.1100	-0.0310	5.1200	-0.0365	5.1300	-0.0408	5.1400	-0.0435
5.1500	-0.0442	5.1600	-0.0430	5.1700	-0.0400	5.1800	-0.0360	5.1900	-0.0322
5.2000	-0.0286	5.2100	-0.0240	5.2200	-0.0203	5.2300	-0.0329	5.2400	-0.0361
5.2500	-0.0390	5.2600	-0.0407	5.2700	-0.0407	5.2800	-0.0391	5.2900	-0.0360
5.3000	-0.0317	5.3100	-0.0260	5.3200	-0.0186	5.3300	-0.0096	5.3400	0.0002
5.3500	0.0094	5.3600	0.0162	5.3700	0.0186	5.3800	0.0158	5.3900	0.0087
5.4000	-0.0015	5.4100	-0.0129	5.4200	-0.0234	5.4300	-0.0307	5.4400	-0.0339
5.4500	-0.0323	5.4600	-0.0266	5.4700	-0.0178	5.4800	-0.0074	5.4900	0.0041
5.5000	0.0161	5.5100	0.0281	5.5200	0.0392	5.5300	0.0482	5.5400	0.0538
5.5500	0.0550	5.5600	0.0513	5.5700	0.0433	5.5800	0.0324	5.5900	0.0210
5.6000	0.0119	5.6100	0.0068	5.6200	0.0060	5.6300	0.0087	5.6400	0.0137
5.6500	0.0167	5.6600	0.0235	5.6700	0.0300	5.6800	0.0321	5.6900	0.0316
5.7000	0.0287	5.7100	0.0237	5.7200	0.0175	5.7300	0.0107	5.7400	0.0044
5.7500	-0.0003	5.7600	-0.0029	5.7700	-0.0029	5.7800	-0.0003	5.7900	0.0050
5.8000	0.0125	5.8100	0.0215	5.8200	0.0305	5.8300	0.0376	5.8400	0.0412
5.8500	0.0400	5.8600	0.0353	5.8700	0.0265	5.8800	0.0151	5.8900	0.0023
5.9000	-0.0100	5.9100	-0.0197	5.9200	-0.0253	5.9300	-0.0265	5.9400	-0.0241
5.9500	-0.0195	5.9600	-0.0140	5.9700	-0.0086	5.9800	-0.0038	5.9900	0.0004

** AUTO-CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
6.0000	0.0040	6.0100	0.0069	6.0200	0.0089	6.0300	0.0082	6.0400	0.0030
6.0500	-0.0053	6.0600	-0.0133	6.0700	-0.0195	6.0800	-0.0228	6.0900	-0.0226
6.1000	-0.0189	6.1100	-0.0122	6.1200	-0.0038	6.1300	0.0050	6.1400	0.0129
6.1500	0.0191	6.1600	0.0235	6.1700	0.0259	6.1800	0.0265	6.1900	0.0249
6.2000	0.0200	6.2100	0.0118	6.2200	0.0012	6.2300	-0.0096	6.2400	-0.0188
6.2500	-0.0254	6.2600	-0.0285	6.2700	-0.0281	6.2800	-0.0243	6.2900	-0.0183
6.3000	-0.0114	6.3100	-0.0047	6.3200	0.0005	6.3300	0.0032	6.3400	0.0026
6.3500	-0.0013	6.3600	-0.0074	6.3700	-0.0141	6.3800	-0.0195	6.3900	-0.0220
6.4000	-0.0211	6.4100	-0.0162	6.4200	-0.0075	6.4300	0.0044	6.4400	0.0188
6.4500	0.0341	6.4600	0.0488	6.4700	0.0615	6.4800	0.0709	6.4900	0.0764
6.5000	0.0787	6.5100	0.0767	6.5200	0.0778	6.5300	0.0771	6.5400	0.0767
6.5500	0.0768	6.5600	0.0770	6.5700	0.0770	6.5800	0.0764	6.5900	0.0751
6.6000	0.0728	6.6100	0.0689	6.6200	0.0629	6.6300	0.0547	6.6400	0.0441
6.6500	0.0307	6.6600	0.0151	6.6700	-0.0017	6.6800	-0.0187	6.6900	-0.0355
6.7000	-0.0514	6.7100	-0.0656	6.7200	-0.0766	6.7300	-0.0832	6.7400	-0.0851
6.7500	-0.0829	6.7600	-0.0780	6.7700	-0.0718	6.7800	-0.0654	6.7900	-0.0591
6.8000	-0.0523	6.8100	-0.0442	6.8200	-0.0345	6.8300	-0.0230	6.8400	-0.0099
6.8500	0.0042	6.8600	0.0183	6.8700	0.0316	6.8800	0.0439	6.8900	0.0551
6.9000	0.0651	6.9100	0.0731	6.9200	0.0786	6.9300	0.0809	6.9400	0.0800
6.9500	0.0759	6.9600	0.0690	6.9700	0.0596	6.9800	0.0484	6.9900	0.0363
7.0000	0.0250	7.0100	0.0162	7.0200	0.0105	7.0300	0.0066	7.0400	0.0031
7.0500	-0.0022	7.0600	-0.0089	7.0700	-0.0161	7.0800	-0.0226	7.0900	-0.0275
7.1000	-0.0304	7.1100	-0.0315	7.1200	-0.0314	7.1300	-0.0322	7.1400	-0.0361
7.1500	-0.0434	7.1600	-0.0523	7.1700	-0.0597	7.1800	-0.0636	7.1900	-0.0642
7.2000	-0.0612	7.2100	-0.0553	7.2200	-0.0471	7.2300	-0.0374	7.2400	-0.0272
7.2500	-0.0174	7.2600	-0.0089	7.2700	-0.0021	7.2800	0.0025	7.2900	0.0048
7.3000	0.0045	7.3100	0.0017	7.3200	-0.0035	7.3300	-0.0109	7.3400	-0.0195
7.3500	-0.0262	7.3600	-0.0354	7.3700	-0.0397	7.3800	-0.0404	7.3900	-0.0373
7.4000	-0.0312	7.4100	-0.0230	7.4200	-0.0140	7.4300	-0.0051	7.4400	0.0032
7.4500	0.0105	7.4600	0.0171	7.4700	0.0234	7.4800	0.0296	7.4900	0.0356
7.5000	0.0413	7.5100	0.0463	7.5200	0.0499	7.5300	0.0504	7.5400	0.0467
7.5500	0.0387	7.5600	0.0274	7.5700	0.0150	7.5800	0.0039	7.5900	-0.0042
7.6000	-0.0087	7.6100	-0.0104	7.6200	-0.0103	7.6300	-0.0092	7.6400	-0.0075
7.6500	-0.0054	7.6600	-0.0026	7.6700	0.0005	7.6800	0.0041	7.6900	0.0073
7.7000	0.0091	7.7100	0.0081	7.7200	0.0036	7.7300	-0.0038	7.7400	-0.0127
7.7500	-0.0211	7.7600	-0.0281	7.7700	-0.0330	7.7800	-0.0354	7.7900	-0.0355
7.8000	-0.0337	7.8100	-0.0308	7.8200	-0.0277	7.8300	-0.0246	7.8400	-0.0213
7.8500	-0.0175	7.8600	-0.0133	7.8700	-0.0086	7.8800	-0.0038	7.8900	0.0005
7.9000	0.0038	7.9100	0.0056	7.9200	0.0056	7.9300	0.0043	7.9400	0.0027
7.9500	0.0017	7.9600	0.0016	7.9700	0.0024	7.9800	0.0035	7.9900	0.0044
8.0000	0.0046	8.0100	0.0037	8.0200	0.0018	8.0300	-0.0010	8.0400	-0.0045
8.0500	-0.0083	8.0600	-0.0119	8.0700	-0.0148	8.0800	-0.0165	8.0900	-0.0168
8.1000	-0.0160	8.1100	-0.0148	8.1200	-0.0138	8.1300	-0.0133	8.1400	-0.0134
8.1500	-0.0136	8.1600	-0.0135	8.1700	-0.0129	8.1800	-0.0118	8.1900	-0.0103
8.2000	-0.0087	8.2100	-0.0071	8.2200	-0.0058	8.2300	-0.0047	8.2400	-0.0039
8.2500	-0.0031	8.2600	-0.0024	8.2700	-0.0016	8.2800	-0.0006	8.2900	0.0005
8.3000	0.0018	8.3100	0.0031	8.3200	0.0040	8.3300	0.0042	8.3400	0.0034
8.3500	0.0017	8.3600	-0.0007	8.3700	-0.0034	8.3800	-0.0054	8.3900	-0.0074
8.4000	-0.0089	8.4100	-0.0095	8.4200	-0.0088	8.4300	-0.0067	8.4400	-0.0032
8.4500	0.0013	8.4600	0.0063	8.4700	0.0113	8.4800	0.0157	8.4900	0.0193
8.5000	0.0215	8.5100	0.0229	8.5200	0.0234	8.5300	0.0228	8.5400	0.0214
8.5500	0.0190	8.5600	0.0159	8.5700	0.0121	8.5800	0.0081	8.5900	0.0043
8.6000	0.0008	8.6100	-0.0020	8.6200	-0.0041	8.6300	-0.0054	8.6400	-0.0060
8.6500	-0.0060	8.6600	-0.0060	8.6700	-0.0056	8.6800	-0.0049	8.6900	-0.0041
8.7000	-0.0033	8.7100	-0.0022	8.7200	-0.0010	8.7300	0.0000	8.7400	0.0011
8.7500	0.0021	8.7600	0.0032	8.7700	0.0042	8.7800	0.0051	8.7900	0.0059
8.8000	0.0065	8.8100	0.0068	8.8200	0.0065	8.8300	0.0055	8.8400	0.0035
8.8500	0.0010	8.8600	-0.0014	8.8700	-0.0033	8.8800	-0.0043	8.8900	-0.0045
8.9000	-0.0040	8.9100	-0.0030	8.9200	-0.0020	8.9300	-0.0011	8.9400	-0.0003
8.9500	0.0004	8.9600	0.0011	8.9700	0.0017	8.9800	0.0023	8.9900	0.0031

** AUTO-CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
9.0000	0.0041	9.0100	0.0049	9.0200	0.0055	9.0300	0.0053	9.0400	0.0045
9.0500	0.0030	9.0600	0.0014	9.0700	-0.0002	9.0800	-0.0013	9.0900	-0.0017
9.1000	-0.0015	9.1100	-0.0010	9.1200	-0.0006	9.1300	-0.0003	9.1400	-0.0003
9.1500	-0.0005	9.1600	-0.0006	9.1700	-0.0005	9.1800	-0.0005	9.1900	-0.0006
9.2000	-0.0009	9.2100	-0.0014	9.2200	-0.0020	9.2300	-0.0026	9.2400	-0.0031
9.2500	-0.0034	9.2600	-0.0032	9.2700	-0.0028	9.2800	-0.0021	9.2900	-0.0014
9.3000	-0.0007	9.3100	-0.0003	9.3200	-0.0002	9.3300	-0.0004	9.3400	-0.0007
9.3500	-0.0011	9.3600	-0.0013	9.3700	-0.0012	9.3800	-0.0009	9.3900	-0.0005
9.4000	-0.0001	9.4100	0.0001	9.4200	-0.0001	9.4300	-0.0004	9.4400	-0.0007
9.4500	-0.0009	9.4600	-0.0009	9.4700	-0.0007	9.4800	-0.0005	9.4900	-0.0002
9.5000	0.0000	9.5100	0.0001	9.5200	-0.0000	9.5300	-0.0001	9.5400	-0.0003
9.5500	-0.0004	9.5600	-0.0002	9.5700	0.0002	9.5800	0.0008	9.5900	0.0014
9.6000	0.0018	9.6100	0.0019	9.6200	0.0017	9.6300	0.0012	9.6400	0.0007
9.6500	0.0003	9.6600	-0.0000	9.6700	-0.0002	9.6800	-0.0002	9.6900	-0.0002
9.7000	-0.0003	9.7100	-0.0004	9.7200	-0.0005	9.7300	-0.0005	9.7400	-0.0005
9.7500	-0.0003	9.7600	-0.0001	9.7700	0.0001	9.7800	0.0002	9.7900	0.0002
9.8000	0.0002	9.8100	0.0000	9.8200	-0.0001	9.8300	-0.0002	9.8400	-0.0003
9.8500	-0.0002	9.8600	-0.0001	9.8700	0.0000	9.8800	0.0001	9.8900	0.0001
9.9000	0.0001	9.9100	-0.0000	9.9200	-0.0002	9.9300	-0.0002	9.9400	-0.0002
9.9500	-0.0001	9.9600	0.0000	9.9700	0.0002	9.9800	0.0002	9.9900	0.0001
10.0000	0.0000	10.0100	-0.0001	10.0200	-0.0001	10.0300	-0.0001	10.0400	-0.0001
10.0500	-0.0000	10.0600	0.0001	10.0700	0.0001	10.0800	0.0001	10.0900	0.0001
10.1000	0.0000	10.1100	-0.0000	10.1200	-0.0001	10.1300	-0.0001	10.1400	-0.0002
10.1500	-0.0001	10.1600	-0.0001	10.1700	-0.0000	10.1800	0.0000	10.1900	0.0000
10.2000	0.0000	10.2100	0.0000	10.2200	-0.0000				

* AUTO-CORRELATION FUNCTION END *

INPUT DATA 17 PAGE/ 1 CASE

4. OPTION	FOR CALCULATION		FOR PLOTTING	
	DATA DEAL	NOT INTERPOLATION	PLOTTING	REPRESENTATION
	INPUT DATA FROM	DISK/TAP	PLOTTING LENGTH	20 (MM/SEC)
	INPUT DATA CARD	NO FOMAT	FOURIER SPECTRUM	REPRESENTATION
	DATA FROM DISK/TAPE NO.	2	POWER SPECTRUM	REPRESENTATION
	DATA FROM DISK/TAPE	6 POINT DATA	AUTO-CORRELATION	REPRESENTATION
	SELECT NO. FROM MANY POINT	5	CROSS POWER SPECTRUM	REPRESENTATION
	FOURIER SPECTRUM	EXECUTE	CROSS-CORRELATION	REPRESENTATION
	POWER SPECTRUM	EXECUTE	TRANSFER FUNCTION	REPRESENTATION
	AUTO-CORRELATION	EXECUTE		
	CROSS POWER SPECTRUM	EXECUTE		
	CROSS CORRELATION	EXECUTE		
	TRANSFER FUNCTION	EXECUTE		

5. TIME

DURATION TIME 10.2700 (SEC)
COMPUTE INTERVAL TIME 0.0100 (SEC)

6. INPUT WAVE

WAVE NAME

HTGR CONTAINER SEISMIC RESPONSE

EARTHQUAKE WAVE 18 PAGE/ 1 CASE

HTGR CONTAINER SEISMIC RESPONSE

UPPER LIMIT OF AMPLITUDE (GAL) 1689.489
MAXIMUM AMPLITUDE OF DATA(GAL) 1689.489
MAGNIFICATION 1.000

** INPUT DATA ** 19 PAGE/ 1 CASE

ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)
0.0	0.0253	0.0005	-0.0854	-0.1824	-0.2110	-0.2849	-1.0191	-3.2862	-7.1263
-10.9520	-12.3021	-9.4748	-2.4079	7.4916	17.7737	25.4007	27.4836	22.1736	9.3796
-8.7985	-28.1013	-42.9234	-48.0046	-40.4561	-20.9604	6.3948	35.1394	57.5987	66.4956
57.4366	31.4265	-4.6059	-40.2457	-65.7726	-75.4618	-68.4319	-47.5343	-17.9131	14.1215
42.3193	61.6629	68.8690	62.4079	42.6813	12.2469	-24.3861	-61.1170	-90.3459	-104.7686
-97.7130	-68.2297	-21.9085	30.3140	76.6302	108.3526	120.8879	112.9555	86.6612	48.1191
6.5065	-28.5097	-49.7780	-54.9650	-47.2644	-33.8977	-22.4395	-16.6316	-14.8427	-12.7791
-7.3868	2.1824	15.6625	31.2312	44.7186	49.5499	39.9644	13.4187	-27.8794	-75.6816
-117.2583	-140.5348	-140.2957	-117.7882	-78.2864	-30.0390	17.3634	55.7321	78.8388	82.7181
67.1106	37.0532	0.2187	-37.1373	-70.7206	-96.5724	-110.0400	-109.1652	-96.2905	-76.8930
-57.1830	-41.7565	-31.7430	-25.3994	-21.3431	-20.0701	-21.7171	-24.2316	-25.0595	-24.8156
-25.6818	-29.1842	-33.4471	-34.0766	-29.2229	-21.4598	-11.8989	4.6449	34.2329	76.6037
123.9063	164.1232	184.4017	174.9087	132.3322	60.1967	-32.9743	-134.7337	-228.9220	-297.3876
-325.3925	-308.5125	-254.2971	-176.8233	-91.2011	-12.2490	46.7823	78.0158	80.8676	61.3442
30.0352	-1.6170	-26.4390	-44.3658	-60.0232	-77.9790	-98.9974	-120.4815	-139.5200	-133.0535
-135.1062	-137.7085	-97.5256	-40.6167	19.4617	66.0747	84.8735	69.2327	21.9606	-46.5315
-118.9388	-171.7745	-181.3827	-133.7053	-31.0310	107.3980	250.1823	362.6717	416.1764	395.8968
307.1361	175.3484	37.1805	-71.6248	-124.9354	-112.3998	-43.0341	58.1047	159.2370	231.0138
253.3669	220.8931	144.8938	49.4393	-34.1142	-81.8397	-79.5505	-28.1142	58.0546	134.0878
230.4976	260.4009	223.2438	107.0182	-44.8866	-124.7199	-361.4445	-735.0894	-795.7898	-720.4882
-522.2307	-246.3403	44.8886	288.4866	432.0050	443.0713	319.4883	94.3698	-170.8978	-405.8225
-552.5715	-579.5518	-484.6855	-292.4676	-46.6028	201.1830	402.8047	523.6681	530.9169	496.6887
391.6099	271.1899	163.9821	86.4899	43.4572	30.0725	34.5179	42.1831	61.7063	29.4609
12.2518	3.7980	15.5240	41.3571	47.0137	-14.8851	-165.4951	-370.3883	-553.9028	-644.3894
-605.0504	-430.7730	-137.1069	235.0141	611.3568	897.4150	1014.4375	934.7487	691.0891	355.8222
6.9795	-296.4595	-519.3240	-642.2240	-657.3786	-575.0124	-427.0870	-255.2415	-77.3020	101.5499
293.1321	492.4306	669.3841	779.1680	764.5639	673.7293	461.2870	177.4473	-138.6644	-436.1996
-652.9443	-731.7984	-647.4974	-421.8927	-113.5650	207.6433	480.5981	658.1030	705.7425	606.9049
375.4871	63.2680	-251.5007	-497.2329	-610.9638	-597.1512	-468.1709	-255.7622	-0.3713	249.2419
442.2882	541.2238	536.0054	445.2914	303.5117	143.5938	-13.2061	-155.8732	-276.1280	-364.6653
-414.3545	-423.9163	-395.3578	-327.5988	-215.4668	-57.7098	132.7817	326.6705	483.9110	575.5456
573.0638	472.1639	282.1710	25.7766	-262.5872	-537.9675	-749.1626	-849.5993	-811.2548	-633.7202
-344.3280	8.3159	363.4016	657.4454	835.4110	861.3873	726.2202	448.0386	66.9095	-360.1169
-759.6191	-1047.6887	-1152.8268	-1044.3352	-741.9640	-302.5908	107.1693	671.6507	1037.1659	1228.2175
1211.8115	995.4948	627.7876	184.7673	-255.8218	-638.8057	-936.0393	-1121.6781	-1151.8098	-988.9614
-646.9532	-193.1700	292.6699	745.1300	1105.6862	1315.8280	1329.1824	1128.1425	734.7519	213.7568
-339.1270	-824.7021	-1167.8056	-1325.2775	-1275.3510	-1013.3852	-569.5655	-23.4446	515.7098	948.7945
1208.8908	1261.7370	1104.0937	764.0869	296.7967	-221.4092	-700.1417	-1051.5259	-1214.3839	-1170.4572
-941.2251	-571.8056	-119.8970	343.9928	740.3930	999.8610	1083.3013	986.8845	735.8851	376.7019
-34.1298	-441.1719	-793.0471	-1040.8222	-1142.9397	-1080.3576	-862.1151	-522.2206	-109.7634	317.7006
697.1905	967.1282	1080.4390	1016.1396	783.9687	423.7887	-0.9652	-417.9544	-761.7898	-981.5754
-1042.6895	-931.3110	-661.7991	-279.2634	147.9539	543.3954	837.5750	978.7768	941.1229	729.9234
380.9062	-46.2017	-476.6118	-833.3462	-1054.5442	-1107.0975	-989.6928	-728.5417	-371.8611	16.7335
368.5670	623.5931	743.0060	715.5786	556.2462	300.5451	-2.6815	-299.7713	-539.4340	-678.2542
-688.4151	-566.6873	-336.3151	-39.6325	272.2340	546.6132	735.4871	802.6483	730.6469	525.7346
220.1020	-130.7701	-457.5640	-693.2764	-790.6684	-732.1529	-529.4480	-219.0578	142.6662	488.5844
755.4549	898.4123	899.5097	768.7484	538.8361	257.0177	-26.5056	-271.0404	-458.3444	-597.1646
-707.4243	-789.9144	-810.5443	-722.3255	-504.5356	-177.4044	213.9633	615.2363	961.9527	1179.5692
1199.9433	986.4034	552.1214	-35.4325	-666.5968	-1217.3614	-1581.2209	-1689.4887	-1515.6411	-1077.9401
-447.5625	253.8500	884.2037	1324.8711	1508.8550	1424.8223	1110.0152	639.8031	111.9176	-373.1011
-730.3451	-906.7721	-893.2431	-724.7385	-463.7197	-174.8867	91.9916	304.3243	444.0729	509.6598
516.8764	490.3692	430.1574	403.7053	342.7960	254.3399	126.2208	-39.1025	-221.4604	-388.9979
-507.7839	-548.4114	-490.4338	-330.1586	-88.3696	191.5497	456.5122	658.6191	761.2648	739.9688
389.4070	334.3456	28.5446	-262.4193	-481.6750	-590.7587	-573.2445	-442.3657	-237.7443	-16.0832
167.0748	281.0720	329.0062	330.2997	301.5503	257.7291	216.8693	190.7707	176.3781	159.3766
121.5256	47.1142	-70.1221	-222.4788	-386.1201	-522.2378	-586.3398	-544.3762	-385.7118	-129.5981
174.8938	461.2793	666.5671	745.4341	675.9551	465.9573	156.1673	-189.6426	-502.4633	-724.2486
-819.9169	-782.7370	-631.3966	-402.7289	-142.7309	104.2807	303.5085	432.7827	483.0736	468.6613
398.9556	289.1066	150.2586	-4.7939	-160.4600	-299.4925	-405.9622	-467.2537	-472.0514	-410.9445
-284.3652	-107.8729	91.8401	283.7470	435.5735	518.7476	516.4582	427.5527	264.9319	53.9385

** INPUT DATA **

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ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)	ACC(GAL)
-168.7221	-360.1236	-481.8568	-511.4747	-446.6487	-301.3722	-102.5279	110.7937	293.2889	406.2784
427.8719	356.1215	209.1364	22.0488	-161.9268	-302.2642	-369.5828	-351.6579	-257.2164	-114.7052
41.1827	177.0036	269.8263	302.7546	264.4843	160.0704	19.5510	-113.8481	-207.5384	-248.4310
-234.3183	-169.0751	-67.2716	45.1612	139.6280	188.9196	184.3945	130.6178	48.9581	-35.3242
-105.4725	-154.9400	-177.1066	-139.5943	-96.6122	-5.2124	87.4877	140.7154	159.0786	137.5962
83.9759	13.1186	-56.8536	-109.8310	-132.5826	-118.2413	-70.9427	-7.3839	48.3924	77.9870
78.1161	56.1737	20.8839	-18.7965	-51.6437	-67.9947	-62.8340	-34.0307	15.7428	73.4209
118.4527	135.3878	122.3956	87.4406	46.7986	-10.3615	-58.3516	-93.5973	-109.9845	-108.6541
-92.2859	-64.0332	-29.5917	6.4367	43.5016	78.9474	104.2348	111.8483	100.7974	73.8436
34.8053	-10.9144	-58.2340	-92.6714	-114.7262	-108.9792	-85.7508	-48.2829	-7.7397	21.4896
29.2334	14.0329	-20.4269	-47.3623	-114.2493	-144.5759	-144.7349	-108.5406	-38.8613	51.7879
143.9348	216.2700	250.1949	234.2946	168.1259	83.2743	-59.3313	-172.8704	-251.6506	-280.0439
-252.3196	-168.5070	-39.9656	104.0588	226.8032	302.9252	322.0965	286.6744	203.8186	87.6527
-42.3470	-165.1169	-261.6750	-317.2181	-322.9888	-279.2734	-195.5371	-84.4974	42.0609	169.1123
275.2586	339.5792	349.9645	303.6560	205.4862	69.6310	-79.9136	-214.4235	-308.9382	-349.0603
-332.4243	-265.1283	-158.9405	-31.2503	93.1884	193.2913	251.0095	258.3376	218.9840	146.2737
58.0128	-28.5529	-102.2943	-157.2773	-195.3140	-218.7466	-223.7570	-201.1711	-146.2022	-65.3800
26.8277	116.9819	194.5323	248.3806	286.6793	240.4581	167.4484	55.9770	-72.7084	-190.0090
-271.7341	-305.9623	-242.2807	-237.1875	-150.8562	-46.5741	59.1198	147.6589	203.4079	217.3242
188.1413	121.7053	29.4628	-78.0177	-167.0824	-233.2464	-256.9605	-232.9051	-166.4807	-71.4701
33.4017	127.8800	194.6976	223.3180	211.9825	168.1160	104.9556	35.9841	-27.5171	-75.6676
-101.0487	-101.9866	-83.1897	-52.9415	-20.2024	9.6944	32.8340	46.8351	47.6017	31.1252
1.2619	-26.7125	-38.3958	-33.7351	-21.2896	-4.2538	22.4857	62.6893	108.2335	139.1394
137.0705	99.0187	41.3428	-21.0507	-73.9610	-109.5642	-123.7147	-112.3464	-71.8080	-7.0120
63.9346	118.6295	144.4870	140.6660	114.9337	75.3431	26.6129	-27.5993	-80.8112	-124.3564
-150.9073	-156.4303	-141.4471	-110.7116	-69.1299	-19.2208	34.7041	82.9284	114.1451	121.6618
105.6539	71.7430	27.7264	-19.3519	-63.1970	-97.2074	-115.7784	-116.4190	-100.0561	-70.4033
-31.9639	13.4093	46.6489	126.7071	187.4204	239.5811	273.9894	282.7517	260.2127	203.8575
115.3166	2.3247	-119.7891	-230.8521	-309.6882	-339.2163	-310.7301	-225.3746	-95.7486	60.4781
214.6679	333.3108	385.7584	353.8297	241.9541	79.9229	-91.0482	-239.6182	-353.0726	-429.3404
-464.9645	-449.4041	-371.3049	-232.3440	-51.9372	144.1430	335.0369	501.9996	620.8837	662.5729
602.8523	435.7456	180.9716	-119.6538	-410.6514	-631.8094	-726.1678	-670.6166	-459.4471	-136.0321
232.0312	565.1987	789.1795	852.5150	740.1441	477.0099	119.7315	-256.6374	-573.5754	-766.0914
-799.5676	-677.4950	-437.8225	-138.8383	153.6938	383.3375	515.2418	540.5699	473.5380	344.6696
192.1007	51.6575	-52.2766	-111.5218	-135.2059	-134.0336	-118.4231	-102.2015	-105.5990	-154.1858
-251.2448	-344.5684	-390.1997	-227.0333	-7.9595	244.1428	476.7336	641.1073	687.2699	583.0307
330.9948	-27.9171	-416.4141	-735.6099	-898.5434	-866.6338	-662.8202	-348.2292	12.8861	359.5833
623.0925	744.0425	708.5814	551.7754	329.0035	94.9677	-105.5324	-248.4041	-332.0774	-364.9504
-356.1503	-317.5536	-266.0785	-216.9119	-170.3205	-108.6443	-15.6310	102.5367	222.1412	319.5202
374.7057	369.6848	296.4364	162.5719	-12.8637	-200.3809	-360.6555	-451.7566	-448.6931	-352.2772
-185.7318	17.7287	222.3571	394.2371	494.4051	497.7003	379.4728	169.2048	-92.7374	-334.4088
-489.1845	-528.4974	-458.8669	-330.2628	-81.8967	151.4976	344.7611	450.5082	448.6998	354.1129
205.1056	45.2768	-88.4748	-173.9978	-207.4631	-196.6089	-154.5296	-104.2700		

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0104	0.0
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0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0
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0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0
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0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0
0.0107	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0
0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0
0.0117	0.0	0.0117	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0
0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0
0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0121	0.0
0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0
0.0121	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0
0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0123	0.0	0.0123	0.0
0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0124	0.0
0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0
0.0124	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0
0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0126	0.0	0.0126	0.0
0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0127	0.0
0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0
0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0
0.0128	0.0	0.0128	0.0	0.0129	0.0	0.0129	0.0	0.0129	0.0
0.0129	0.0	0.0129	0.0	0.0129	0.0	0.0130	0.0	0.0130	0.0
0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0131	0.0
0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0
0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0
0.0132	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0
0.0133	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0
0.0134	0.0	0.0134	0.0	0.0135	0.0	0.0135	0.0	0.0135	0.0
0.0135	0.0	0.0135	0.0	0.0135	0.0	0.0136	0.0	0.0136	0.0
0.0136	0.0	0.0136	0.0	0.0136	0.0	0.0137	0.0	0.0137	0.0
0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0138	0.0
0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0139	0.0
0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0140	0.0
0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0
0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0

** FOURIER SPECTRUM **

PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0
0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0
0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0
0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0
0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0
0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0148	0.0
0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0149	0.0
0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0150	0.0
0.0150	0.0	0.0150	0.0	0.0150	0.0	0.0151	0.0	0.0151	0.0
0.0151	0.0	0.0151	0.0	0.0151	0.0	0.0152	0.0	0.0152	0.0
0.0152	0.0	0.0152	0.0	0.0153	0.0	0.0153	0.0	0.0153	0.0
0.0153	0.0	0.0154	0.0	0.0154	0.0	0.0154	0.0	0.0154	0.0
0.0154	0.0	0.0155	0.0	0.0155	0.0	0.0155	0.0	0.0155	0.0
0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0157	0.0
0.0157	0.0	0.0157	0.0	0.0157	0.0	0.0158	0.0	0.0158	0.0
0.0158	0.0	0.0158	0.0	0.0159	0.0	0.0159	0.0	0.0159	0.0
0.0159	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0
0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0162	0.0
0.0162	0.0	0.0162	0.0	0.0162	0.0	0.0163	0.0	0.0163	0.0
0.0163	0.0	0.0163	0.0	0.0164	0.0	0.0164	0.0	0.0164	0.0
0.0164	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0
0.0166	0.0	0.0166	0.0	0.0166	0.0	0.0167	0.0	0.0167	0.0
0.0167	0.0	0.0167	0.0	0.0168	0.0	0.0168	0.0	0.0168	0.0
0.0168	0.0	0.0169	0.0	0.0169	0.0	0.0169	0.0	0.0170	0.0
0.0170	0.0	0.0170	0.0	0.0170	0.0	0.0171	0.0	0.0171	0.0
0.0171	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0
0.0173	0.0	0.0173	0.0	0.0173	0.0	0.0174	0.0	0.0174	0.0
0.0174	0.0	0.0174	0.0	0.0175	0.0	0.0175	0.0	0.0175	0.0
0.0176	0.0	0.0176	0.0	0.0176	0.0	0.0177	0.0	0.0177	0.0
0.0177	0.0	0.0177	0.0	0.0178	0.0	0.0178	0.0	0.0178	0.0
0.0179	0.0	0.0179	0.0	0.0179	0.0	0.0180	0.0	0.0180	0.0
0.0180	0.0	0.0181	0.0	0.0181	0.0	0.0181	0.0	0.0182	0.0
0.0182	0.0	0.0182	0.0	0.0183	0.0	0.0183	0.0	0.0183	0.0
0.0184	0.0	0.0184	0.0	0.0184	0.0	0.0185	0.0	0.0185	0.0
0.0185	0.0	0.0186	0.0	0.0186	0.0	0.0186	0.0	0.0187	0.0
0.0187	0.0	0.0187	0.0	0.0188	0.0	0.0188	0.0	0.0188	0.0
0.0189	0.0	0.0189	0.0	0.0189	0.0	0.0190	0.0	0.0190	0.0
0.0190	0.0	0.0191	0.0	0.0191	0.0	0.0191	0.0	0.0192	0.0
0.0192	0.0	0.0192	0.0	0.0193	0.0	0.0193	0.0	0.0194	0.0
0.0194	0.0	0.0194	0.0	0.0195	0.0	0.0195	0.0	0.0195	0.0
0.0196	0.0	0.0196	0.0	0.0197	0.0	0.0197	0.0	0.0197	0.0
0.0198	0.0	0.0198	0.0	0.0198	0.0	0.0199	0.0	0.0199	0.0
0.0200	0.0	0.0200	0.0	0.0200	0.0	0.0201	0.0	0.0201	0.0
0.0202	0.0	0.0202	0.0	0.0202	0.0	0.0203	0.0	0.0203	0.0
0.0204	0.0	0.0204	0.0	0.0204	0.0	0.0205	0.0	0.0205	0.0
0.0206	0.0	0.0206	0.0	0.0206	0.0	0.0207	0.0	0.0207	0.0
0.0208	0.0	0.0208	0.0	0.0209	0.0	0.0209	0.0	0.0209	0.0
0.0210	0.0	0.0210	0.0	0.0211	0.0	0.0211	0.0	0.0212	0.0
0.0212	0.0	0.0212	0.0	0.0213	0.0	0.0213	0.0	0.0214	0.0
0.0214	0.0	0.0215	0.0	0.0215	0.0	0.0216	0.0	0.0216	0.0
0.0216	0.0	0.0217	0.0	0.0217	0.0	0.0218	0.0	0.0218	0.0
0.0219	0.0	0.0219	0.0	0.0220	0.0	0.0220	0.0	0.0221	0.0
0.0221	0.0	0.0222	0.0	0.0222	0.0	0.0223	0.0	0.0223	0.0
0.0224	0.0	0.0224	0.0	0.0225	0.0	0.0225	0.0	0.0226	0.0
0.0226	0.0	0.0227	0.0	0.0227	0.0	0.0228	0.0	0.0228	0.0
0.0229	0.0	0.0229	0.0	0.0230	0.0	0.0230	0.0	0.0231	0.0
0.0231	0.0	0.0232	0.0	0.0232	0.0	0.0233	0.0	0.0233	0.0
0.0234	0.0	0.0234	0.0	0.0235	0.0	0.0235	0.0	0.0236	0.0
0.0236	0.0	0.0237	0.0	0.0238	0.0	0.0238	0.0	0.0239	0.0
0.0239	0.0	0.0240	0.0	0.0240	0.0	0.0241	0.0	0.0242	0.0

** FOURIER SPECTRUM **

PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0242	0.0	0.0243	0.0	0.0243	0.0	0.0244	0.0	0.0244	0.0
0.0245	0.0	0.0246	0.0	0.0246	0.0	0.0247	0.0	0.0247	0.0
0.0248	0.0	0.0249	0.0	0.0249	0.0	0.0250	0.0	0.0250	0.0
0.0251	0.0	0.0252	0.0	0.0252	0.0	0.0253	0.0	0.0253	0.0
0.0254	0.0	0.0255	0.0	0.0255	0.0	0.0256	0.0	0.0257	0.0
0.0257	0.0	0.0258	0.0	0.0259	0.0	0.0259	0.0	0.0260	0.0
0.0261	0.0	0.0261	0.0	0.0262	0.0	0.0263	0.0	0.0263	0.0
0.0264	0.0	0.0265	0.0	0.0265	0.0	0.0266	0.0	0.0267	0.0
0.0267	0.0	0.0268	0.0	0.0269	0.0	0.0269	0.0	0.0270	0.0
0.0271	0.0	0.0272	0.0	0.0272	0.0	0.0273	0.0	0.0274	0.0
0.0275	0.0	0.0275	0.0	0.0276	0.0	0.0277	0.0	0.0278	0.0
0.0278	0.0	0.0279	0.0	0.0280	0.0	0.0281	0.0	0.0281	0.0
0.0282	0.0	0.0283	0.0	0.0284	0.0	0.0284	0.0	0.0285	0.0
0.0286	0.0	0.0287	0.0	0.0288	0.0	0.0288	0.0	0.0289	0.0
0.0290	0.0	0.0291	0.0	0.0292	0.0	0.0293	0.0	0.0293	0.0
0.0294	0.0	0.0295	0.0	0.0296	0.0	0.0297	0.0	0.0298	0.0
0.0299	0.0	0.0299	0.0	0.0300	0.0	0.0301	0.0	0.0302	0.0
0.0303	0.0	0.0304	0.0	0.0305	0.0	0.0306	0.0	0.0307	0.0
0.0308	0.0	0.0308	0.0	0.0309	0.0	0.0310	0.0	0.0311	0.0
0.0312	0.0	0.0313	0.0	0.0314	0.0	0.0315	0.0	0.0316	0.0
0.0317	0.0	0.0318	0.0	0.0319	0.0	0.0320	0.0	0.0321	0.0
0.0322	0.0	0.0323	0.0	0.0324	0.0	0.0325	0.0	0.0326	0.0
0.0327	0.0	0.0328	0.0	0.0329	0.0	0.0330	0.0	0.0331	0.0
0.0332	0.0	0.0334	0.0	0.0335	0.0	0.0336	0.0	0.0337	0.0
0.0338	0.0	0.0339	0.0	0.0340	0.0	0.0341	0.0	0.0342	0.0
0.0344	0.0	0.0345	0.0	0.0346	0.0	0.0347	0.0	0.0348	0.0
0.0349	0.0	0.0351	0.0	0.0352	0.0	0.0353	0.0	0.0354	0.0
0.0356	0.0	0.0357	0.0	0.0358	0.0	0.0359	0.0	0.0361	0.0
0.0362	0.0	0.0363	0.0	0.0364	0.0	0.0366	0.0	0.0367	0.0
0.0368	0.0	0.0370	0.0	0.0371	0.0	0.0372	0.0	0.0374	0.0
0.0375	0.0	0.0376	0.0	0.0378	0.0	0.0379	0.0	0.0381	0.0
0.0382	0.0	0.0384	0.0	0.0385	0.0	0.0386	0.0	0.0388	0.0
0.0389	0.0	0.0391	0.0	0.0392	0.0	0.0394	0.0	0.0395	0.0
0.0397	0.0	0.0398	0.0	0.0400	0.0	0.0402	0.0	0.0403	0.0
0.0405	0.0	0.0406	0.0	0.0408	0.0	0.0410	0.0	0.0411	0.0
0.0413	0.0	0.0415	0.0	0.0416	0.0	0.0418	0.0	0.0420	0.0
0.0421	0.0	0.0423	0.0	0.0425	0.0	0.0427	0.0	0.0428	0.0
0.0430	0.0	0.0432	0.0	0.0434	0.0	0.0436	0.0	0.0438	0.0
0.0439	0.0	0.0441	0.0	0.0443	0.0	0.0445	0.0	0.0447	0.0
0.0449	0.0	0.0451	0.0	0.0453	0.0	0.0455	0.0	0.0457	0.0
0.0459	0.0	0.0461	0.0	0.0463	0.0	0.0465	0.0	0.0468	0.0
0.0470	0.0	0.0472	0.0	0.0474	0.0	0.0476	0.0	0.0479	0.0
0.0481	0.0	0.0483	0.0	0.0485	0.0	0.0488	0.0	0.0490	0.0
0.0492	0.0	0.0495	0.0	0.0497	0.0	0.0500	0.0	0.0502	0.0000
0.0504	0.0000	0.0507	0.0000	0.0509	0.0000	0.0512	0.0000	0.0515	0.0000
0.0517	0.0000	0.0520	0.0000	0.0522	0.0000	0.0525	0.0000	0.0528	0.0000
0.0531	0.0000	0.0533	0.0000	0.0536	0.0000	0.0539	0.0000	0.0542	0.0000
0.0545	0.0000	0.0548	0.0000	0.0551	0.0000	0.0554	0.0000	0.0557	0.0001
0.0560	0.0000	0.0563	0.0001	0.0566	0.0000	0.0569	0.0000	0.0572	0.0001
0.0575	0.0000	0.0579	0.0000	0.0582	0.0000	0.0585	0.0000	0.0589	0.0000
0.0592	0.0001	0.0595	0.0000	0.0599	0.0000	0.0602	0.0000	0.0606	0.0000
0.0610	0.0000	0.0613	0.0000	0.0617	0.0000	0.0621	0.0000	0.0624	0.0000
0.0628	0.0000	0.0632	0.0000	0.0636	0.0000	0.0640	0.0000	0.0644	0.0000
0.0648	0.0000	0.0652	0.0000	0.0656	0.0000	0.0661	0.0000	0.0665	0.0000
0.0669	0.0000	0.0674	0.0000	0.0678	0.0000	0.0683	0.0000	0.0687	0.0000
0.0692	0.0000	0.0697	0.0000	0.0701	0.0000	0.0706	0.0001	0.0711	0.0000
0.0716	0.0000	0.0721	0.0000	0.0726	0.0000	0.0731	0.0000	0.0737	0.0000
0.0742	0.0000	0.0747	0.0000	0.0753	0.0000	0.0759	0.0000	0.0764	0.0000
0.0770	0.0001	0.0776	0.0000	0.0782	0.0001	0.0788	0.0000	0.0794	0.0000
0.0800	0.0000	0.0806	0.0000	0.0813	0.0000	0.0819	0.0000	0.0826	0.0000

** FOURIER SPECTRUM **

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PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)	PERIOD(SEC)	ACCEL.(GAL)
0.0833	0.0001	0.0839	0.0004	0.0846	0.0001	0.0853	0.0000	0.0861	0.0001
0.0868	0.0003	0.0875	0.0000	0.0883	0.0001	0.0890	0.0000	0.0898	0.0002
0.0906	0.0003	0.0914	0.0004	0.0923	0.0000	0.0931	0.0012	0.0939	0.0024
0.0948	0.0000	0.0957	0.0001	0.0966	0.0012	0.0975	0.0021	0.0985	0.0003
0.0994	0.0019	0.1004	0.0014	0.1014	0.0042	0.1024	0.0054	0.1034	0.0020
0.1045	0.0006	0.1056	0.0041	0.1067	0.0056	0.1078	0.0104	0.1089	0.0018
0.1101	0.0024	0.1113	0.0317	0.1125	0.0453	0.1138	0.0273	0.1151	0.0128
0.1164	0.0734	0.1177	0.2061	0.1191	0.1734	0.1205	0.0227	0.1219	0.0272
0.1234	0.0194	0.1249	0.0114	0.1264	0.0166	0.1280	0.0138	0.1296	0.0489
0.1313	0.0030	0.1330	0.0426	0.1347	0.0390	0.1365	0.0215	0.1384	0.0632
0.1403	0.0145	0.1422	0.0193	0.1442	0.0683	0.1463	0.0196	0.1484	0.2720
0.1506	0.4985	0.1528	0.5367	0.1552	0.8271	0.1575	1.0000	0.1600	0.1862
0.1625	0.3477	0.1652	0.1680	0.1679	0.0311	0.1707	0.1904	0.1736	0.0729
0.1766	0.1313	0.1796	0.0506	0.1829	0.0107	0.1862	0.0020	0.1896	0.0066
0.1932	0.0250	0.1969	0.0235	0.2008	0.0038	0.2048	0.0001	0.2090	0.0231
0.2133	0.0126	0.2179	0.0008	0.2226	0.0040	0.2276	0.0022	0.2327	0.0027
0.2381	0.0053	0.2438	0.0031	0.2498	0.0040	0.2560	0.0008	0.2626	0.0009
0.2695	0.0015	0.2768	0.0060	0.2844	0.0001	0.2926	0.0010	0.3012	0.0002
0.3103	0.0037	0.3200	0.0014	0.3303	0.0041	0.3413	0.0009	0.3531	0.0002
0.3657	0.0043	0.3793	0.0029	0.3938	0.0017	0.4096	0.0057	0.4267	0.0007
0.4452	0.0017	0.4655	0.0105	0.4876	0.0026	0.5120	0.0006	0.5389	0.0052
0.5689	0.0067	0.6024	0.0032	0.6400	0.0004	0.6827	0.0023	0.7314	0.0021
0.7877	0.0002	0.8533	0.0029	0.9309	0.0057	1.0240	0.0004	1.1378	0.0009
1.2800	0.0012	1.4629	0.0004	1.7067	0.0009	2.0480	0.0014	2.5600	0.0024
3.4133	0.0019	5.1200	0.0001	10.2400	0.0000				

* FOURIER SPECTRUM END. *

** POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000
0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000
0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000
0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000
0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0103	0.0000
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0104	0.0000
0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000
0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0106	0.0000	0.0106	0.0000
0.0106	0.0000	0.0106	0.0000	0.0106	0.0000	0.0106	0.0000	0.0106	0.0000
0.0106	0.0000	0.0106	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000
0.0107	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000
0.0107	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0109	0.0000
0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0110	0.0000	0.0110	0.0000
0.0110	0.0000	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000
0.0110	0.0000	0.0110	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000
0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000
0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0112	0.0000
0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0113	0.0000	0.0113	0.0000
0.0113	0.0000	0.0113	0.0000	0.0113	0.0000	0.0113	0.0000	0.0113	0.0000
0.0113	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000
0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0115	0.0000
0.0115	0.0000	0.0115	0.0000	0.0115	0.0000	0.0115	0.0000	0.0115	0.0000
0.0115	0.0000	0.0115	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000
0.0116	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000
0.0117	0.0000	0.0117	0.0000	0.0117	0.0000	0.0117	0.0000	0.0117	0.0000
0.0117	0.0000	0.0117	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0000
0.0118	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0000	0.0119	0.0000
0.0119	0.0000	0.0119	0.0000	0.0119	0.0000	0.0119	0.0000	0.0119	0.0000
0.0119	0.0000	0.0119	0.0000	0.0120	0.0000	0.0120	0.0000	0.0120	0.0000
0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0121	0.0000
0.0121	0.0000	0.0121	0.0000	0.0121	0.0000	0.0121	0.0000	0.0121	0.0000
0.0121	0.0000	0.0122	0.0000	0.0122	0.0000	0.0122	0.0000	0.0122	0.0000
0.0122	0.0000	0.0122	0.0000	0.0122	0.0000	0.0123	0.0000	0.0123	0.0000
0.0123	0.0000	0.0123	0.0000	0.0123	0.0000	0.0123	0.0000	0.0124	0.0000
0.0124	0.0000	0.0124	0.0000	0.0124	0.0000	0.0124	0.0000	0.0124	0.0000
0.0124	0.0000	0.0125	0.0000	0.0125	0.0000	0.0125	0.0000	0.0125	0.0000
0.0125	0.0000	0.0125	0.0000	0.0125	0.0000	0.0126	0.0000	0.0126	0.0000
0.0126	0.0000	0.0126	0.0000	0.0126	0.0000	0.0126	0.0000	0.0127	0.0000
0.0127	0.0000	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000
0.0128	0.0000	0.0128	0.0000	0.0128	0.0000	0.0128	0.0000	0.0128	0.0000
0.0128	0.0000	0.0128	0.0000	0.0129	0.0000	0.0129	0.0000	0.0129	0.0000
0.0129	0.0000	0.0129	0.0000	0.0129	0.0000	0.0130	0.0000	0.0130	0.0000
0.0130	0.0000	0.0130	0.0000	0.0130	0.0000	0.0130	0.0000	0.0131	0.0000
0.0131	0.0000	0.0131	0.0000	0.0131	0.0000	0.0131	0.0000	0.0131	0.0000
0.0132	0.0000	0.0132	0.0000	0.0132	0.0000	0.0132	0.0000	0.0132	0.0000
0.0132	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000
0.0133	0.0000	0.0134	0.0000	0.0134	0.0000	0.0134	0.0000	0.0134	0.0000
0.0134	0.0000	0.0134	0.0000	0.0135	0.0000	0.0135	0.0000	0.0135	0.0000
0.0135	0.0000	0.0135	0.0000	0.0135	0.0000	0.0136	0.0000	0.0136	0.0000
0.0136	0.0000	0.0136	0.0000	0.0136	0.0000	0.0137	0.0000	0.0137	0.0000
0.0137	0.0000	0.0137	0.0000	0.0137	0.0000	0.0137	0.0000	0.0138	0.0000
0.0138	0.0000	0.0138	0.0000	0.0138	0.0000	0.0138	0.0000	0.0139	0.0000
0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0140	0.0000
0.0140	0.0000	0.0140	0.0000	0.0140	0.0000	0.0140	0.0000	0.0140	0.0000
0.0141	0.0000	0.0141	0.0000	0.0141	0.0000	0.0141	0.0000	0.0141	0.0000

** POWER SPECTRUM **

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PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM
0.0142	0.0000	0.0142	0.0000	0.0142	0.0000	0.0142	0.0000	0.0142	0.0000
0.0143	0.0000	0.0143	0.0000	0.0143	0.0000	0.0143	0.0000	0.0143	0.0000
0.0144	0.0000	0.0144	0.0000	0.0144	0.0000	0.0144	0.0000	0.0144	0.0000
0.0145	0.0000	0.0145	0.0000	0.0145	0.0000	0.0145	0.0000	0.0145	0.0000
0.0146	0.0000	0.0146	0.0000	0.0146	0.0000	0.0146	0.0000	0.0146	0.0000
0.0147	0.0000	0.0147	0.0000	0.0147	0.0000	0.0147	0.0000	0.0148	0.0000
0.0148	0.0000	0.0148	0.0000	0.0148	0.0000	0.0148	0.0000	0.0149	0.0000
0.0149	0.0000	0.0149	0.0000	0.0149	0.0000	0.0149	0.0000	0.0150	0.0000
0.0150	0.0000	0.0150	0.0000	0.0150	0.0000	0.0151	0.0000	0.0151	0.0000
0.0151	0.0000	0.0151	0.0000	0.0151	0.0000	0.0152	0.0000	0.0152	0.0000
0.0152	0.0000	0.0152	0.0000	0.0153	0.0000	0.0153	0.0000	0.0153	0.0000
0.0153	0.0000	0.0154	0.0000	0.0154	0.0000	0.0154	0.0000	0.0154	0.0000
0.0154	0.0000	0.0155	0.0000	0.0155	0.0000	0.0155	0.0000	0.0155	0.0000
0.0156	0.0000	0.0156	0.0000	0.0156	0.0000	0.0156	0.0000	0.0157	0.0000
0.0157	0.0000	0.0157	0.0000	0.0157	0.0000	0.0158	0.0000	0.0158	0.0000
0.0158	0.0000	0.0158	0.0000	0.0159	0.0000	0.0159	0.0000	0.0159	0.0000
0.0159	0.0000	0.0160	0.0000	0.0160	0.0000	0.0160	0.0000	0.0160	0.0000
0.0161	0.0000	0.0161	0.0000	0.0161	0.0000	0.0161	0.0000	0.0162	0.0000
0.0162	0.0000	0.0162	0.0000	0.0162	0.0000	0.0163	0.0000	0.0163	0.0000
0.0163	0.0000	0.0163	0.0000	0.0164	0.0000	0.0164	0.0000	0.0164	0.0000
0.0164	0.0000	0.0165	0.0000	0.0165	0.0000	0.0165	0.0000	0.0165	0.0000
0.0166	0.0000	0.0166	0.0000	0.0166	0.0000	0.0167	0.0000	0.0167	0.0000
0.0167	0.0000	0.0167	0.0000	0.0168	0.0000	0.0168	0.0000	0.0168	0.0000
0.0168	0.0000	0.0169	0.0000	0.0169	0.0000	0.0169	0.0000	0.0170	0.0000
0.0170	0.0000	0.0170	0.0000	0.0170	0.0000	0.0171	0.0000	0.0171	0.0000
0.0171	0.0000	0.0172	0.0000	0.0172	0.0000	0.0172	0.0000	0.0172	0.0000
0.0173	0.0000	0.0173	0.0000	0.0173	0.0000	0.0174	0.0000	0.0174	0.0000
0.0174	0.0000	0.0174	0.0000	0.0175	0.0000	0.0175	0.0000	0.0175	0.0000
0.0176	0.0000	0.0176	0.0000	0.0176	0.0000	0.0177	0.0000	0.0177	0.0000
0.0177	0.0000	0.0177	0.0000	0.0178	0.0000	0.0178	0.0000	0.0178	0.0000
0.0179	0.0000	0.0179	0.0000	0.0179	0.0000	0.0180	0.0000	0.0180	0.0000
0.0180	0.0000	0.0181	0.0000	0.0181	0.0000	0.0181	0.0000	0.0182	0.0000
0.0182	0.0000	0.0182	0.0000	0.0183	0.0000	0.0183	0.0000	0.0183	0.0000
0.0184	0.0000	0.0184	0.0000	0.0184	0.0000	0.0185	0.0000	0.0185	0.0000
0.0185	0.0000	0.0186	0.0000	0.0186	0.0000	0.0186	0.0000	0.0187	0.0000
0.0187	0.0000	0.0187	0.0000	0.0188	0.0000	0.0188	0.0000	0.0188	0.0000
0.0189	0.0000	0.0189	0.0000	0.0189	0.0000	0.0190	0.0000	0.0190	0.0000
0.0190	0.0000	0.0191	0.0000	0.0191	0.0000	0.0191	0.0000	0.0192	0.0000
0.0192	0.0000	0.0192	0.0000	0.0193	0.0000	0.0193	0.0000	0.0194	0.0000
0.0194	0.0000	0.0194	0.0000	0.0195	0.0000	0.0195	0.0000	0.0195	0.0000
0.0196	0.0000	0.0196	0.0000	0.0197	0.0000	0.0197	0.0000	0.0197	0.0000
0.0198	0.0000	0.0198	0.0000	0.0198	0.0000	0.0199	0.0000	0.0199	0.0000
0.0200	0.0000	0.0200	0.0000	0.0200	0.0000	0.0201	0.0000	0.0201	0.0000
0.0202	0.0000	0.0202	0.0000	0.0202	0.0000	0.0203	0.0000	0.0203	0.0000
0.0204	0.0000	0.0204	0.0000	0.0204	0.0000	0.0205	0.0000	0.0205	0.0000
0.0206	0.0000	0.0206	0.0000	0.0206	0.0000	0.0207	0.0000	0.0207	0.0000
0.0208	0.0000	0.0208	0.0000	0.0209	0.0000	0.0209	0.0000	0.0209	0.0000
0.0210	0.0000	0.0210	0.0000	0.0211	0.0000	0.0211	0.0000	0.0212	0.0000
0.0212	0.0000	0.0212	0.0000	0.0213	0.0000	0.0213	0.0000	0.0214	0.0000
0.0214	0.0000	0.0215	0.0000	0.0215	0.0000	0.0216	0.0000	0.0216	0.0000
0.0216	0.0000	0.0217	0.0000	0.0217	0.0000	0.0218	0.0000	0.0218	0.0000
0.0219	0.0000	0.0219	0.0000	0.0220	0.0000	0.0220	0.0000	0.0221	0.0000
0.0221	0.0000	0.0222	0.0000	0.0222	0.0000	0.0223	0.0000	0.0223	0.0000
0.0224	0.0000	0.0224	0.0000	0.0225	0.0000	0.0225	0.0000	0.0226	0.0000
0.0226	0.0000	0.0227	0.0000	0.0227	0.0000	0.0228	0.0000	0.0228	0.0000
0.0229	0.0000	0.0229	0.0000	0.0230	0.0000	0.0230	0.0000	0.0231	0.0000
0.0231	0.0000	0.0232	0.0000	0.0232	0.0000	0.0233	0.0000	0.0233	0.0000
0.0234	0.0000	0.0234	0.0000	0.0235	0.0000	0.0235	0.0000	0.0236	0.0000
0.0236	0.0000	0.0237	0.0000	0.0238	0.0000	0.0238	0.0000	0.0239	0.0000
0.0239	0.0000	0.0240	0.0000	0.0240	0.0000	0.0241	0.0000	0.0242	0.0000

** POWER SPECTRUM **

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PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM	PERIOD(SEC)	P*SPECTRUM
0.0242	0.0000	0.0243	0.0000	0.0243	0.0000	0.0244	0.0000	0.0244	0.0000
0.0245	0.0000	0.0246	0.0000	0.0246	0.0000	0.0247	0.0000	0.0247	0.0000
0.0248	0.0000	0.0249	0.0000	0.0249	0.0000	0.0250	0.0000	0.0250	0.0000
0.0251	0.0000	0.0252	0.0000	0.0252	0.0000	0.0253	0.0000	0.0253	0.0000
0.0254	0.0000	0.0255	0.0000	0.0255	0.0000	0.0256	0.0000	0.0257	0.0000
0.0257	0.0000	0.0258	0.0000	0.0259	0.0000	0.0259	0.0000	0.0260	0.0000
0.0261	0.0000	0.0261	0.0000	0.0262	0.0000	0.0263	0.0000	0.0263	0.0000
0.0264	0.0000	0.0265	0.0000	0.0265	0.0000	0.0266	0.0000	0.0267	0.0000
0.0267	0.0000	0.0268	0.0000	0.0269	0.0000	0.0269	0.0000	0.0270	0.0000
0.0271	0.0000	0.0272	0.0000	0.0272	0.0000	0.0273	0.0000	0.0274	0.0000
0.0275	0.0000	0.0275	0.0000	0.0276	0.0000	0.0277	0.0000	0.0278	0.0000
0.0278	0.0000	0.0279	0.0001	0.0280	0.0000	0.0281	0.0000	0.0281	0.0001
0.0282	0.0000	0.0283	0.0000	0.0284	0.0000	0.0284	0.0000	0.0285	0.0000
0.0286	0.0000	0.0287	0.0000	0.0288	0.0000	0.0288	0.0000	0.0289	0.0000
0.0290	0.0000	0.0291	0.0000	0.0292	0.0000	0.0293	0.0000	0.0293	0.0000
0.0294	0.0000	0.0295	0.0001	0.0296	0.0001	0.0297	0.0000	0.0298	0.0000
0.0299	0.0000	0.0299	0.0000	0.0300	0.0000	0.0301	0.0000	0.0302	0.0000
0.0303	0.0000	0.0304	0.0000	0.0305	0.0000	0.0306	0.0000	0.0307	0.0000
0.0308	0.0000	0.0308	0.0000	0.0309	0.0000	0.0310	0.0000	0.0311	0.0000
0.0312	0.0000	0.0313	0.0000	0.0314	0.0000	0.0315	0.0000	0.0316	0.0000
0.0317	0.0000	0.0318	0.0000	0.0319	0.0000	0.0320	0.0000	0.0321	0.0000
0.0322	0.0000	0.0323	0.0000	0.0324	0.0000	0.0325	0.0000	0.0326	0.0000
0.0327	0.0000	0.0328	0.0000	0.0329	0.0000	0.0330	0.0000	0.0331	0.0000
0.0332	0.0000	0.0334	0.0000	0.0335	0.0000	0.0336	0.0000	0.0337	0.0000
0.0338	0.0000	0.0339	0.0000	0.0340	0.0000	0.0341	0.0000	0.0342	0.0000
0.0344	0.0000	0.0345	0.0000	0.0346	0.0000	0.0347	0.0000	0.0348	0.0000
0.0349	0.0000	0.0351	0.0000	0.0352	0.0000	0.0353	0.0000	0.0354	0.0000
0.0356	0.0000	0.0357	0.0000	0.0358	0.0000	0.0359	0.0000	0.0361	0.0000
0.0362	0.0000	0.0363	0.0000	0.0364	0.0000	0.0366	0.0000	0.0367	0.0000
0.0368	0.0000	0.0370	0.0000	0.0371	0.0000	0.0372	0.0000	0.0374	0.0000
0.0375	0.0000	0.0376	0.0000	0.0378	0.0000	0.0379	0.0000	0.0381	0.0000
0.0382	0.0000	0.0384	0.0000	0.0385	0.0000	0.0386	0.0001	0.0388	0.0000
0.0389	0.0000	0.0391	0.0001	0.0392	0.0001	0.0394	0.0000	0.0395	0.0000
0.0397	0.0000	0.0398	0.0000	0.0400	0.0000	0.0402	0.0000	0.0403	0.0000
0.0405	0.0000	0.0406	0.0000	0.0408	0.0000	0.0410	0.0000	0.0411	0.0000
0.0413	0.0000	0.0415	0.0002	0.0416	0.0000	0.0418	0.0001	0.0420	0.0003
0.0421	0.0001	0.0423	0.0000	0.0425	0.0001	0.0427	0.0000	0.0428	0.0002
0.0430	0.0001	0.0432	0.0001	0.0434	0.0002	0.0436	0.0000	0.0438	0.0000
0.0439	0.0000	0.0441	0.0001	0.0443	0.0001	0.0445	0.0000	0.0447	0.0002
0.0449	0.0001	0.0451	0.0001	0.0453	0.0002	0.0455	0.0000	0.0457	0.0003
0.0459	0.0003	0.0461	0.0000	0.0463	0.0009	0.0465	0.0009	0.0468	0.0001
0.0470	0.0019	0.0472	0.0014	0.0474	0.0000	0.0476	0.0005	0.0479	0.0001
0.0481	0.0008	0.0483	0.0009	0.0485	0.0001	0.0488	0.0017	0.0490	0.0017
0.0492	0.0003	0.0495	0.0022	0.0497	0.0015	0.0500	0.0003	0.0502	0.0011
0.0504	0.0025	0.0507	0.0004	0.0509	0.0037	0.0512	0.0044	0.0515	0.0030
0.0517	0.0016	0.0520	0.0020	0.0522	0.0005	0.0525	0.0006	0.0528	0.0033
0.0531	0.0055	0.0533	0.0045	0.0536	0.0011	0.0539	0.0084	0.0542	0.0102
0.0545	0.0014	0.0548	0.0055	0.0551	0.0019	0.0554	0.0109	0.0557	0.0257
0.0560	0.0039	0.0563	0.0367	0.0566	0.0704	0.0569	0.0222	0.0572	0.0004
0.0575	0.0103	0.0579	0.0623	0.0582	0.0595	0.0585	0.0138	0.0589	0.0050
0.0592	0.0124	0.0595	0.1001	0.0599	0.1652	0.0602	0.0184	0.0606	0.0115
0.0610	0.0221	0.0613	0.0978	0.0617	0.0157	0.0621	0.0049	0.0624	0.0093
0.0628	0.0262	0.0632	0.0135	0.0636	0.0085	0.0640	0.0112	0.0644	0.0210
0.0648	0.0397	0.0652	0.0297	0.0656	0.0024	0.0661	0.0244	0.0665	0.0340
0.0669	0.0037	0.0674	0.0316	0.0678	0.0147	0.0683	0.0175	0.0687	0.0918
0.0692	0.0512	0.0697	0.0074	0.0701	0.0118	0.0706	0.0016	0.0711	0.0083
0.0716	0.0103	0.0721	0.0067	0.0726	0.0131	0.0731	0.0159	0.0737	0.0724
0.0742	0.2207	0.0747	0.4351	0.0753	0.4020	0.0759	0.1854	0.0764	0.5165
0.0770	1.0000	0.0776	0.6709	0.0782	0.4494	0.0788	0.8112	0.0794	0.6138
0.0800	0.1510	0.0806	0.1213	0.0813	0.2821	0.0819	0.2478	0.0826	0.1363

** POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0833	0.1161	0.0839	0.0253	0.0846	0.0552	0.0853	0.1545	0.0861	0.1192
0.0868	0.0591	0.0875	0.0561	0.0883	0.1065	0.0890	0.1063	0.0898	0.0411
0.0906	0.0107	0.0914	0.0086	0.0923	0.0009	0.0931	0.0016	0.0939	0.0019
0.0948	0.0054	0.0957	0.0195	0.0966	0.0203	0.0975	0.0147	0.0985	0.0191
0.0994	0.0140	0.1004	0.0031	0.1014	0.0016	0.1024	0.0001	0.1034	0.0096
0.1045	0.0187	0.1056	0.0096	0.1067	0.0101	0.1078	0.0083	0.1089	0.0007
0.1101	0.0039	0.1113	0.0032	0.1125	0.0007	0.1138	0.0018	0.1151	0.0016
0.1164	0.0022	0.1177	0.0059	0.1191	0.0043	0.1205	0.0026	0.1219	0.0041
0.1234	0.0016	0.1249	0.0032	0.1264	0.0021	0.1280	0.0006	0.1296	0.0046
0.1313	0.0008	0.1330	0.0034	0.1347	0.0012	0.1365	0.0020	0.1384	0.0049
0.1403	0.0016	0.1422	0.0001	0.1442	0.0007	0.1463	0.0008	0.1484	0.0001
0.1506	0.0002	0.1528	0.0003	0.1552	0.0030	0.1575	0.0039	0.1600	0.0012
0.1625	0.0021	0.1652	0.0033	0.1679	0.0007	0.1707	0.0007	0.1736	0.0021
0.1766	0.0002	0.1796	0.0020	0.1829	0.0035	0.1862	0.0005	0.1896	0.0024
0.1932	0.0040	0.1969	0.0013	0.2008	0.0029	0.2048	0.0046	0.2090	0.0025
0.2133	0.0005	0.2179	0.0006	0.2226	0.0014	0.2276	0.0039	0.2327	0.0085
0.2381	0.0063	0.2438	0.0021	0.2498	0.0029	0.2560	0.0005	0.2626	0.0015
0.2695	0.0042	0.2766	0.0039	0.2844	0.0054	0.2926	0.0046	0.3012	0.0026
0.3103	0.0011	0.3200	0.0003	0.3303	0.0007	0.3413	0.0018	0.3531	0.0034
0.3657	0.0017	0.3793	0.0002	0.3938	0.0001	0.4096	0.0013	0.4267	0.0024
0.4453	0.0027	0.4655	0.0046	0.4876	0.0037	0.5120	0.0003	0.5389	0.0009
0.5689	0.0008	0.6024	0.0007	0.6400	0.0010	0.6827	0.0005	0.7314	0.0003
0.7877	0.0006	0.8533	0.0008	0.9309	0.0005	1.0240	0.0011	1.1378	0.0015
1.2800	0.0019	1.4679	0.0023	1.7067	0.0016	2.0480	0.0003	2.5600	0.0001
3.4133	0.0002	5.1200	0.0000	10.2400	0.0002				

* POWER SPECTRUM END *

** AUTO-CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
0.0	1.0000	0.0100	0.9158	0.0200	0.6788	0.0300	0.3319	0.0400	-0.0633
0.0500	-0.4378	0.0600	-0.7285	0.0700	-0.8890	0.0800	-0.8972	0.0900	-0.7583
0.1000	-0.5019	0.1100	-0.1757	0.1200	0.1641	0.1300	0.4627	0.1400	0.6756
0.1500	0.7748	0.1600	0.7514	0.1700	0.6154	0.1800	0.3928	0.1900	0.1204
0.2000	-0.1601	0.2100	-0.4081	0.2200	-0.5894	0.2300	-0.6803	0.2400	-0.6703
0.2500	-0.5626	0.2600	-0.3740	0.2700	-0.1424	0.2800	0.1266	0.2900	0.3645
0.3000	0.5453	0.3100	0.6424	0.3200	0.6389	0.3300	0.5347	0.3400	0.3454
0.3500	0.1003	0.3600	-0.1616	0.3700	-0.3475	0.3800	-0.5684	0.3900	-0.6458
0.4000	-0.6164	0.4100	-0.4650	0.4200	-0.2734	0.4300	-0.0190	0.4400	0.2362
0.4500	0.4488	0.4600	0.5624	0.4700	0.6166	0.4800	0.5473	0.4900	0.3886
0.5000	0.1696	0.5100	-0.0712	0.5200	-0.2927	0.5300	-0.4584	0.5400	-0.5430
0.5500	-0.5356	0.5600	-0.4411	0.5700	-0.2787	0.5800	-0.0776	0.5900	0.1282
0.6000	0.3055	0.6100	0.4277	0.6200	0.4777	0.6300	0.4509	0.6400	0.3544
0.6500	0.2358	0.6600	0.0295	0.6700	-0.1465	0.6800	-0.2955	0.6900	-0.3953
0.7000	-0.4316	0.7100	-0.4006	0.7200	-0.3071	0.7300	-0.1667	0.7400	-0.0013
0.7500	0.1628	0.7600	0.2998	0.7700	0.3875	0.7800	0.4120	0.7900	0.3689
0.8000	0.2652	0.8100	0.1177	0.8200	-0.0493	0.8300	-0.2078	0.8400	-0.3312
0.8500	-0.3985	0.8600	-0.3960	0.8700	-0.3299	0.8800	-0.2057	0.8900	-0.0472
0.9000	0.1184	0.9100	0.2622	0.9200	0.3598	0.9300	0.3946	0.9400	0.3614
0.9500	0.2668	0.9600	0.1282	0.9700	-0.0301	0.9800	-0.1803	0.9900	-0.2971
1.0000	-0.3614	1.0100	-0.3633	1.0200	-0.3038	1.0300	-0.1944	1.0400	-0.0544
1.0500	0.0921	1.0600	0.2207	1.0700	0.3104	1.0800	0.3472	1.0900	0.3262
1.1000	0.2520	1.1100	0.1378	1.1200	0.0032	1.1300	-0.1296	1.1400	-0.2389
1.1500	-0.3074	1.1600	-0.3247	1.1700	-0.2892	1.1800	-0.2078	1.1900	-0.0947
1.2000	0.0310	1.2100	0.1489	1.2200	0.2401	1.2300	0.2907	1.2400	0.2936
1.2500	0.2487	1.2600	0.1670	1.2700	0.0599	1.2800	-0.0542	1.2900	-0.1571
1.3000	-0.2329	1.3100	-0.2707	1.3200	-0.2656	1.3300	-0.2195	1.3400	-0.1407
1.3500	-0.0423	1.3600	0.0601	1.3700	0.1505	1.3800	0.2152	1.3900	0.2448
1.4000	0.2355	1.4100	0.1894	1.4200	0.1144	1.4300	0.0228	1.4400	-0.0706
1.4500	-0.1513	1.4600	-0.2067	1.4700	-0.2286	1.4800	-0.2141	1.4900	-0.1661
1.5000	-0.0930	1.5100	-0.0070	1.5200	0.0778	1.5300	0.1476	1.5400	0.1915
1.5500	0.2030	1.5600	0.1809	1.5700	0.1299	1.5800	0.0593	1.5900	-0.0185
1.6000	-0.0902	1.6100	-0.1439	1.6200	-0.1713	1.6300	-0.1689	1.6400	-0.1388
1.6500	-0.0874	1.6600	-0.0247	1.6700	0.0378	1.6800	0.0896	1.6900	0.1228
1.7000	0.1331	1.7100	0.1209	1.7200	0.0904	1.7300	0.0484	1.7400	0.0033
1.7500	-0.0373	1.7600	-0.0674	1.7700	-0.0837	1.7800	-0.0856	1.7900	-0.0749
1.8000	-0.0553	1.8100	-0.0310	1.8200	-0.0059	1.8300	0.0168	1.8400	0.0348
1.8500	0.0471	1.8600	0.0532	1.8700	0.0534	1.8800	0.0480	1.8900	0.0376
1.9000	0.0227	1.9100	0.0048	1.9200	-0.0143	1.9300	-0.0321	1.9400	-0.0457
1.9500	-0.0523	1.9600	-0.0501	1.9700	-0.0386	1.9800	-0.0190	1.9900	0.0056
2.0000	0.0306	2.0100	0.0508	2.0200	0.0618	2.0300	0.0605	2.0400	0.0466
2.0500	0.0223	2.0600	-0.0078	2.0700	-0.0378	2.0800	-0.0615	2.0900	-0.0740
2.1000	-0.0724	2.1100	-0.0571	2.1200	-0.0312	2.1300	0.0002	2.1400	0.0310
2.1500	0.0554	2.1600	0.0692	2.1700	0.0705	2.1800	0.0600	2.1900	0.0402
2.2000	0.0152	2.2100	-0.0106	2.2200	-0.0332	2.2300	-0.0499	2.2400	-0.0590
2.2500	-0.0601	2.2600	-0.0536	2.2700	-0.0407	2.2800	-0.0228	2.2900	-0.0017
2.3000	0.0205	2.3100	0.0413	2.3200	0.0581	2.3300	0.0685	2.3400	0.0702
2.3500	0.0621	2.3600	0.0442	2.3700	0.0185	2.3800	-0.0117	2.3900	-0.0419
2.4000	-0.0669	2.4100	-0.0824	2.4200	-0.0851	2.4300	-0.0740	2.4400	-0.0504
2.4500	-0.0177	2.4600	0.0187	2.4700	0.0527	2.4800	0.0783	2.4900	0.0911
2.5000	0.0887	2.5100	0.0715	2.5200	0.0422	2.5300	0.0059	2.5400	-0.0313
2.5500	-0.0631	2.5600	-0.0842	2.5700	-0.0912	2.5800	-0.0834	2.5900	-0.0622
2.6000	-0.0318	2.6100	0.0027	2.6200	0.0354	2.6300	0.0608	2.6400	0.0752
2.6500	0.0766	2.6600	0.0655	2.6700	0.0443	2.6800	0.0170	2.6900	-0.0117
2.7000	-0.0372	2.7100	-0.0555	2.7200	-0.0641	2.7300	-0.0623	2.7400	-0.0509
2.7500	-0.0321	2.7600	-0.0090	2.7700	0.0149	2.7800	0.0363	2.7900	0.0524
2.8000	0.0612	2.8100	0.0619	2.8200	0.0547	2.8300	0.0407	2.8400	0.0218
2.8500	0.0002	2.8600	-0.0211	2.8700	-0.0395	2.8800	-0.0525	2.8900	-0.0582
2.9000	-0.0554	2.9100	-0.0442	2.9200	-0.0256	2.9300	-0.0017	2.9400	0.0240
2.9500	0.0479	2.9600	0.0659	2.9700	0.0746	2.9800	0.0719	2.9900	0.0571

** AUTO-CORRELATION FUNCTION **

TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
3.0000	0.0317	3.0100	-0.0007	3.0200	-0.0352	3.0300	-0.0659	3.0400	-0.0872
3.0500	-0.0945	3.0600	-0.0862	3.0700	-0.0626	3.0800	-0.0275	3.0900	0.0131
3.1000	0.0420	3.1100	0.0820	3.1200	0.0474	3.1300	0.0950	3.1400	0.0751
3.1500	0.0418	3.1600	-0.0001	3.1700	-0.0415	3.1800	-0.0751	3.1900	-0.0950
3.2000	-0.0977	3.2100	-0.0832	3.2200	-0.0547	3.2300	-0.0177	3.2400	0.0207
3.2500	0.0538	3.2600	0.0760	3.2700	0.0843	3.2800	0.0785	3.2900	0.0606
3.3000	0.0346	3.3100	0.0053	3.3200	-0.0224	3.3300	-0.0449	3.3400	-0.0594
3.3500	-0.0650	3.3600	-0.0617	3.3700	-0.0505	3.3800	-0.0332	3.3900	-0.0116
3.4000	0.0120	3.4100	0.0350	3.4200	0.0546	3.4300	0.0680	3.4400	0.0724
3.4500	0.0661	3.4600	0.0487	3.4700	0.0216	3.4800	-0.0117	3.4900	-0.0459
3.5000	-0.0749	3.5100	-0.0927	3.5200	-0.0948	3.5300	-0.0797	3.5400	-0.0490
3.5500	-0.0077	3.5600	0.0367	3.5700	0.0757	3.5800	0.1014	3.5900	0.1085
3.6000	0.0952	3.6100	0.0640	3.6200	0.0210	3.6300	-0.0250	3.6400	-0.0650
3.6500	-0.0912	3.6600	-0.0989	3.6700	-0.0875	3.6800	-0.0602	3.6900	-0.0234
3.7000	0.0149	3.7100	0.0470	3.7200	0.0670	3.7300	0.0723	3.7400	0.0635
3.7500	0.0443	3.7600	0.0202	3.7700	-0.0031	3.7800	-0.0208	3.7900	-0.0301
3.8000	-0.0308	3.8100	-0.0248	3.8200	-0.0154	3.8300	-0.0063	3.8400	-0.0003
3.8500	0.0013	3.8600	-0.0011	3.8700	-0.0057	3.8800	-0.0099	3.8900	-0.0115
3.9000	-0.0090	3.9100	-0.0026	3.9200	0.0063	3.9300	0.0134	3.9400	0.0220
3.9500	0.0242	3.9600	0.0212	3.9700	0.0137	3.9800	0.0037	3.9900	-0.0066
4.0000	-0.0147	4.0100	-0.0192	4.0200	-0.0199	4.0300	-0.0177	4.0400	-0.0142
4.0500	-0.0112	4.0600	-0.0097	4.0700	-0.0097	4.0800	-0.0102	4.0900	-0.0090
4.1000	-0.0045	4.1100	0.0047	4.1200	0.0179	4.1300	0.0330	4.1400	0.0463
4.1500	0.0535	4.1600	0.0508	4.1700	0.0363	4.1800	0.0107	4.1900	-0.0221
4.2000	-0.0559	4.2100	-0.0832	4.2200	-0.0969	4.2300	-0.0923	4.2400	-0.0682
4.2500	-0.0279	4.2600	0.0218	4.2700	0.0710	4.2800	0.1096	4.2900	0.1289
4.3000	0.1240	4.3100	0.0950	4.3200	0.0468	4.3300	-0.0113	4.3400	-0.0681
4.3500	-0.1127	4.3600	-0.1366	4.3700	-0.1356	4.3800	-0.1105	4.3900	-0.0669
4.4000	-0.0135	4.4100	0.0396	4.4200	0.0831	4.4300	0.1102	4.4400	0.1180
4.4500	0.1071	4.4600	0.0813	4.4700	0.0462	4.4800	0.0080	4.4900	-0.0279
4.5000	-0.0577	4.5100	-0.0789	4.5200	-0.0908	4.5300	-0.0931	4.5400	-0.0861
4.5500	-0.0701	4.5600	-0.0456	4.5700	-0.0137	4.5800	0.0232	4.5900	0.0612
4.6000	0.0852	4.6100	0.1190	4.6200	0.1269	4.6300	0.1151	4.6400	0.0827
4.6500	0.0330	4.6600	-0.0268	4.6700	-0.0867	4.6800	-0.1355	4.6900	-0.1629
4.7000	-0.1624	4.7100	-0.1324	4.7200	-0.0769	4.7300	-0.0055	4.7400	0.0689
4.7500	0.1323	4.7600	0.1728	4.7700	0.1826	4.7800	0.1598	4.7900	0.1086
4.8000	0.0389	4.8100	-0.0365	4.8200	-0.1038	4.8300	-0.1513	4.8400	-0.1715
4.8500	-0.1620	4.8600	-0.1260	4.8700	-0.0711	4.8800	-0.0073	4.8900	0.0544
4.9000	0.1043	4.9100	0.1336	4.9200	0.1445	4.9300	0.1313	4.9400	0.0991
4.9500	0.0536	4.9600	0.0017	4.9700	-0.0491	4.9800	-0.0918	4.9900	-0.1206
5.0000	-0.1314	5.0100	-0.1225	5.0200	-0.0947	5.0300	-0.0515	5.0400	0.0010
5.0500	0.0551	5.0600	0.1021	5.0700	0.1338	5.0800	0.1442	5.0900	0.1305
5.1000	0.0933	5.1100	0.0396	5.1200	-0.0232	5.1300	-0.0838	5.1400	-0.1313
5.1500	-0.1467	5.1600	-0.1548	5.1700	-0.1255	5.1800	-0.0736	5.1900	-0.0082
5.2000	0.0591	5.2100	0.1163	5.2200	0.1530	5.2300	0.1630	5.2400	0.1443
5.2500	0.1006	5.2600	0.0396	5.2700	-0.0280	5.2800	-0.0904	5.2900	-0.1371
5.3000	-0.1603	5.3100	-0.1565	5.3200	-0.1266	5.3300	-0.0759	5.3400	-0.0130
5.3500	0.0515	5.3600	0.1073	5.3700	0.1452	5.3800	0.1594	5.3900	0.1476
5.4000	0.1120	5.4100	0.0583	5.4200	-0.0050	5.4300	-0.0678	5.4400	-0.1201
5.4500	-0.1534	5.4600	-0.1623	5.4700	-0.1453	5.4800	-0.1047	5.4900	-0.0468
5.5000	0.0193	5.5100	0.0828	5.5200	0.1336	5.5300	0.1630	5.5400	0.1660
5.5500	0.1419	5.5600	0.0944	5.5700	0.0313	5.5800	-0.0371	5.5900	-0.0993
5.6000	-0.1458	5.6100	-0.1667	5.6200	-0.1610	5.6300	-0.1291	5.6400	-0.0763
5.6500	-0.0116	5.6600	0.0547	5.6700	0.1118	5.6800	0.1508	5.6900	0.1657
5.7000	0.1444	5.7100	0.1190	5.7200	0.0650	5.7300	0.0011	5.7400	-0.0629
5.7500	-0.1171	5.7600	-0.1530	5.7700	-0.1650	5.7800	-0.1511	5.7900	-0.1132
5.8000	-0.0572	5.8100	0.0083	5.8200	0.0729	5.8300	0.1265	5.8400	0.1601
5.8500	0.1644	5.8600	0.1496	5.8700	0.1067	5.8800	0.0466	5.8900	-0.0209
5.9000	-0.0849	5.9100	-0.1349	5.9200	-0.1627	5.9300	-0.1641	5.9400	-0.1391
5.9500	-0.0920	5.9600	-0.0310	5.9700	0.0340	5.9800	0.0921	5.9900	0.1344

** AUTO-CORRELATION FUNCTION **

TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
6.0000	0.1543	6.0100	0.1493	6.0200	0.1209	6.0300	0.0741	6.0400	0.0169
6.0500	-0.0414	6.0600	-0.0917	6.0700	-0.1265	6.0800	-0.1411	6.0900	-0.1340
6.1000	-0.1070	6.1100	-0.0648	6.1200	-0.0141	6.1300	0.0375	6.1400	0.0826
6.1500	0.1148	6.1600	0.1299	6.1700	0.1260	6.1800	0.1039	6.1900	0.0667
6.2000	0.0196	6.2100	-0.0307	6.2200	-0.0769	6.2300	-0.1122	6.2400	-0.1309
6.2500	-0.1297	6.2600	-0.1081	6.2700	-0.0690	6.2800	-0.0179	6.2900	0.0372
6.3000	0.0872	6.3100	0.1235	6.3200	0.1395	6.3300	0.1321	6.3400	0.1019
6.3500	0.0540	6.3600	-0.0036	6.3700	-0.0607	6.3800	-0.1072	6.3900	-0.1348
6.4000	-0.1387	6.4100	-0.1185	6.4200	-0.0782	6.4300	-0.0252	6.4400	0.0306
6.4500	0.0794	6.4600	0.1130	6.4700	0.1280	6.4800	0.1173	6.4900	0.0894
6.5000	0.0482	6.5100	0.0015	6.5200	-0.0427	6.5300	-0.0771	6.5400	-0.0970
6.5500	-0.1061	6.5600	-0.0872	6.5700	-0.0614	6.5800	-0.0275	6.5900	0.0089
6.6000	0.0424	6.6100	0.0684	6.6200	0.0835	6.6300	0.0862	6.6400	0.0763
6.6500	0.0555	6.6600	0.0269	6.6700	-0.0053	6.6800	-0.0365	6.6900	-0.0621
6.7000	-0.0761	6.7100	-0.0819	6.7200	-0.0725	6.7300	-0.0514	6.7400	-0.0220
6.7500	0.0109	6.7600	0.0415	6.7700	0.0645	6.7800	0.0757	6.7900	0.0732
6.8000	0.0575	6.8100	0.0315	6.8200	0.0004	6.8300	-0.0301	6.8400	-0.0544
6.8500	-0.0680	6.8600	-0.0690	6.8700	-0.0576	6.8800	-0.0364	6.8900	-0.0096
6.9000	0.0177	6.9100	0.0406	6.9200	0.0553	6.9300	0.0598	6.9400	0.0541
6.9500	0.0401	6.9600	0.0209	6.9700	0.0003	6.9800	-0.0183	6.9900	-0.0319
7.0000	-0.0391	7.0100	-0.0396	7.0200	-0.0343	7.0300	-0.0249	7.0400	-0.0136
7.0500	-0.0020	7.0600	0.0084	7.0700	0.0167	7.0800	0.0224	7.0900	0.0255
7.1000	0.0259	7.1100	0.0236	7.1200	0.0186	7.1300	0.0113	7.1400	0.0021
7.1500	-0.0082	7.1600	-0.0181	7.1700	-0.0262	7.1800	-0.0310	7.1900	-0.0315
7.2000	-0.0273	7.2100	-0.0188	7.2200	-0.0072	7.2300	0.0058	7.2400	0.0180
7.2500	0.0275	7.2600	0.0325	7.2700	0.0322	7.2800	0.0267	7.2900	0.0167
7.3000	0.0038	7.3100	-0.0098	7.3200	-0.0220	7.3300	-0.0306	7.3400	-0.0340
7.3500	-0.0314	7.3600	-0.0230	7.3700	-0.0102	7.3800	0.0049	7.3900	0.0195
7.4000	0.0306	7.4100	0.0358	7.4200	0.0339	7.4300	0.0247	7.4400	0.0099
7.4500	-0.0077	7.4600	-0.0244	7.4700	-0.0365	7.4800	-0.0412	7.4900	-0.0372
7.5000	-0.0249	7.5100	-0.0068	7.5200	0.0135	7.5300	0.0316	7.5400	0.0437
7.5500	0.0472	7.5600	0.0413	7.5700	0.0273	7.5800	0.0080	7.5900	-0.0124
7.6000	-0.0299	7.6100	-0.0412	7.6200	-0.0442	7.6300	-0.0387	7.6400	-0.0263
7.6500	-0.0096	7.6600	0.0079	7.6700	0.0228	7.6800	0.0325	7.6900	0.0357
7.7000	0.0325	7.7100	0.0242	7.7200	0.0127	7.7300	0.0005	7.7400	-0.0104
7.7500	-0.0143	7.7600	-0.0226	7.7700	-0.0234	7.7800	-0.0212	7.7900	-0.0169
7.8000	-0.0114	7.8100	-0.0051	7.8200	0.0016	7.8300	0.0082	7.8400	0.0144
7.8500	0.0194	7.8600	0.0223	7.8700	0.0222	7.8800	0.0184	7.8900	0.0108
7.9000	0.0002	7.9100	-0.0117	7.9200	-0.0227	7.9300	-0.0302	7.9400	-0.0322
7.9500	-0.0279	7.9600	-0.0178	7.9700	-0.0036	7.9800	0.0118	7.9900	0.0251
8.0000	0.0335	8.0100	0.0353	8.0200	0.0301	8.0300	0.0192	8.0400	0.0051
8.0500	-0.0091	8.0600	-0.0204	8.0700	-0.0267	8.0800	-0.0272	8.0900	-0.0223
8.1000	-0.0138	8.1100	-0.0040	8.1200	0.0048	8.1300	0.0109	8.1400	0.0135
8.1500	0.0128	8.1600	0.0098	8.1700	0.0060	8.1800	0.0027	8.1900	0.0006
8.2000	0.0000	8.2100	0.0003	8.2200	0.0007	8.2300	0.0002	8.2400	-0.0017
8.2500	-0.0051	8.2600	-0.0092	8.2700	-0.0129	8.2800	-0.0148	8.2900	-0.0140
8.3000	-0.0130	8.3100	-0.0092	8.3200	0.0051	8.3300	0.0134	8.3400	0.0197
8.3500	0.0225	8.3600	0.0211	8.3700	0.0154	8.3800	0.0066	8.3900	-0.0037
8.4000	-0.0133	8.4100	-0.0204	8.4200	-0.0236	8.4300	-0.0223	8.4400	-0.0169
8.4500	-0.0088	8.4600	0.0005	8.4700	0.0092	8.4800	0.0157	8.4900	0.0191
8.5000	0.0192	8.5100	0.0164	8.5200	0.0115	8.5300	0.0057	8.5400	-0.0002
8.5500	-0.0052	8.5600	-0.0090	8.5700	-0.0111	8.5800	-0.0118	8.5900	-0.0111
8.6000	-0.0091	8.6100	-0.0061	8.6200	-0.0024	8.6300	0.0017	8.6400	0.0057
8.6500	0.0092	8.6600	0.0115	8.6700	0.0122	8.6800	0.0109	8.6900	0.0076
8.7000	0.0028	8.7100	-0.0029	8.7200	-0.0084	8.7300	-0.0126	8.7400	-0.0148
8.7500	-0.0143	8.7600	-0.0112	8.7700	-0.0060	8.7800	0.0004	8.7900	0.0066
8.8000	0.0116	8.8100	0.0142	8.8200	0.0142	8.8300	0.0115	8.8400	0.0069
8.8500	0.0013	8.8600	-0.0041	8.8700	-0.0083	8.8800	-0.0106	8.8900	-0.0109
8.9000	-0.0092	8.9100	-0.0064	8.9200	-0.0033	8.9300	0.0000	8.9400	0.0024
8.9500	0.0038	8.9600	0.0043	8.9700	0.0041	8.9800	0.0037	8.9900	0.0032

** AUTO-CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
9.0000	0.0029	9.0100	0.0026	9.0200	0.0022	9.0300	0.0015	9.0400	0.0003
9.0500	-0.0012	9.0600	-0.0030	9.0700	-0.0047	9.0800	-0.0057	9.0900	-0.0058
9.1000	-0.0047	9.1100	-0.0026	9.1200	0.0002	9.1300	0.0031	9.1400	0.0057
9.1500	0.0072	9.1600	0.0074	9.1700	0.0061	9.1800	0.0035	9.1900	0.0002
9.2000	-0.0031	9.2100	-0.0059	9.2200	-0.0076	9.2300	-0.0077	9.2400	-0.0065
9.2500	-0.0040	9.2600	-0.0010	9.2700	0.0021	9.2800	0.0045	9.2900	0.0059
9.3000	0.0061	9.3100	0.0051	9.3200	0.0032	9.3300	0.0010	9.3400	-0.0011
9.3500	-0.0028	9.3600	-0.0037	9.3700	-0.0039	9.3800	-0.0034	9.3900	-0.0025
9.4000	-0.0014	9.4100	-0.0004	9.4200	0.0004	9.4300	0.0010	9.4400	0.0014
9.4500	0.0017	9.4600	0.0019	9.4700	0.0020	9.4800	0.0018	9.4900	0.0014
9.5000	0.0008	9.5100	-0.0002	9.5200	-0.0012	9.5300	-0.0022	9.5400	-0.0029
9.5500	-0.0031	9.5600	-0.0027	9.5700	-0.0017	9.5800	-0.0003	9.5900	0.0012
9.6000	0.0025	9.6100	0.0033	9.6200	0.0035	9.6300	0.0030	9.6400	0.0019
9.6500	0.0004	9.6600	-0.0011	9.6700	-0.0022	9.6800	-0.0029	9.6900	-0.0030
9.7000	-0.0024	9.7100	-0.0014	9.7200	-0.0001	9.7300	0.0011	9.7400	0.0020
9.7500	0.0024	9.7600	0.0023	9.7700	0.0017	9.7800	0.0008	9.7900	-0.0003
9.8000	-0.0012	9.8100	-0.0017	9.8200	-0.0019	9.8300	-0.0016	9.8400	-0.0010
9.8500	-0.0002	9.8600	0.0005	9.8700	0.0011	9.8800	0.0013	9.8900	0.0012
9.9000	0.0009	9.9100	0.0004	9.9200	-0.0002	9.9300	-0.0006	9.9400	-0.0008
9.9500	-0.0008	9.9600	-0.0006	9.9700	-0.0003	9.9800	-0.0000	9.9900	0.0002
10.0000	0.0003	10.0100	0.0004	10.0200	0.0003	10.0300	0.0002	10.0400	0.0001
10.0500	-0.0000	10.0600	-0.0001	10.0700	-0.0001	10.0800	-0.0001	10.0900	-0.0001
10.1000	-0.0000	10.1100	-0.0000	10.1200	0.0000	10.1300	0.0000	10.1400	0.0000
10.1500	0.0000	10.1600	0.0000	10.1700	0.0000	10.1800	0.0000	10.1900	0.0000
10.2000	0.0000	10.2100	-0.0000	10.2200	-0.0000				

* AUTO-CORRELATION FUNCTION END *

** CROSS POWER SPECTRUM **

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PERIOD(SEC)	P-SPECTRUM	PERIOD(SEC)	P-SPECTRUM	PERIOD(SEC)	P-SPECTRUM	PERIOD(SEC)	P-SPECTRUM	PERIOD(SEC)	P-SPECTRUM
0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000	0.0100	0.0000
0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000
0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000	0.0101	0.0000
0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000
0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0102	0.0000	0.0103	0.0000
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000
0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0103	0.0000	0.0104	0.0000
0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000
0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0104	0.0000	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0105	0.0000
0.0105	0.0000	0.0105	0.0000	0.0105	0.0000	0.0106	0.0000	0.0106	0.0000
0.0106	0.0000	0.0106	0.0000	0.0106	0.0000	0.0106	0.0000	0.0106	0.0000
0.0106	0.0000	0.0106	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000
0.0107	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000	0.0107	0.0000
0.0107	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000	0.0108	0.0000
0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0109	0.0000
0.0109	0.0000	0.0109	0.0000	0.0109	0.0000	0.0110	0.0000	0.0110	0.0000
0.0110	0.0000	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000	0.0110	0.0000
0.0110	0.0000	0.0110	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000
0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000	0.0111	0.0000
0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0112	0.0000
0.0112	0.0000	0.0112	0.0000	0.0112	0.0000	0.0113	0.0000	0.0113	0.0000
0.0113	0.0000	0.0113	0.0000	0.0113	0.0000	0.0113	0.0000	0.0113	0.0000
0.0113	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000
0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0114	0.0000	0.0115	0.0000
0.0115	0.0000	0.0115	0.0000	0.0115	0.0000	0.0115	0.0000	0.0115	0.0000
0.0115	0.0000	0.0115	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000
0.0116	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000	0.0116	0.0000
0.0117	0.0000	0.0117	0.0000	0.0117	0.0000	0.0117	0.0000	0.0117	0.0000
0.0117	0.0000	0.0117	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0000
0.0118	0.0000	0.0118	0.0000	0.0118	0.0000	0.0118	0.0000	0.0119	0.0000
0.0119	0.0000	0.0119	0.0000	0.0119	0.0000	0.0119	0.0000	0.0119	0.0000
0.0119	0.0000	0.0119	0.0000	0.0120	0.0000	0.0120	0.0000	0.0120	0.0000
0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0120	0.0000	0.0121	0.0000
0.0121	0.0000	0.0121	0.0000	0.0121	0.0000	0.0121	0.0000	0.0121	0.0000
0.0121	0.0000	0.0122	0.0000	0.0122	0.0000	0.0122	0.0000	0.0122	0.0000
0.0122	0.0000	0.0122	0.0000	0.0122	0.0000	0.0123	0.0000	0.0123	0.0000
0.0123	0.0000	0.0123	0.0000	0.0123	0.0000	0.0123	0.0000	0.0124	0.0000
0.0124	0.0000	0.0124	0.0000	0.0124	0.0000	0.0124	0.0000	0.0124	0.0000
0.0124	0.0000	0.0125	0.0000	0.0125	0.0000	0.0125	0.0000	0.0125	0.0000
0.0125	0.0000	0.0125	0.0000	0.0125	0.0000	0.0126	0.0000	0.0126	0.0000
0.0126	0.0000	0.0126	0.0000	0.0126	0.0000	0.0126	0.0000	0.0127	0.0000
0.0127	0.0000	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000	0.0127	0.0000
0.0128	0.0000	0.0128	0.0000	0.0128	0.0000	0.0128	0.0000	0.0128	0.0000
0.0128	0.0000	0.0128	0.0000	0.0129	0.0000	0.0129	0.0000	0.0129	0.0000
0.0129	0.0000	0.0129	0.0000	0.0129	0.0000	0.0130	0.0000	0.0130	0.0000
0.0130	0.0000	0.0130	0.0000	0.0130	0.0000	0.0130	0.0000	0.0131	0.0000
0.0131	0.0000	0.0131	0.0000	0.0131	0.0000	0.0131	0.0000	0.0131	0.0000
0.0132	0.0000	0.0132	0.0000	0.0132	0.0000	0.0132	0.0000	0.0132	0.0000
0.0132	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000	0.0133	0.0000
0.0133	0.0000	0.0134	0.0000	0.0134	0.0000	0.0134	0.0000	0.0134	0.0000
0.0134	0.0000	0.0134	0.0000	0.0135	0.0000	0.0135	0.0000	0.0135	0.0000
0.0135	0.0000	0.0135	0.0000	0.0135	0.0000	0.0136	0.0000	0.0136	0.0000
0.0136	0.0000	0.0136	0.0000	0.0136	0.0000	0.0137	0.0000	0.0137	0.0000
0.0137	0.0000	0.0137	0.0000	0.0137	0.0000	0.0137	0.0000	0.0138	0.0000
0.0138	0.0000	0.0138	0.0000	0.0138	0.0000	0.0138	0.0000	0.0139	0.0000
0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0139	0.0000	0.0140	0.0000
0.0140	0.0000	0.0140	0.0000	0.0140	0.0000	0.0140	0.0000	0.0140	0.0000
0.0141	0.0000	0.0141	0.0000	0.0141	0.0000	0.0141	0.0000	0.0141	0.0000

** CROSS POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0142	0.0000	0.0142	0.0000	0.0142	0.0000	0.0142	0.0000	0.0142	0.0000
0.0143	0.0000	0.0143	0.0000	0.0143	0.0000	0.0143	0.0000	0.0143	0.0000
0.0144	0.0000	0.0144	0.0000	0.0144	0.0000	0.0144	0.0000	0.0144	0.0000
0.0145	0.0000	0.0145	0.0000	0.0145	0.0000	0.0145	0.0000	0.0145	0.0001
0.0146	0.0000	0.0146	0.0000	0.0146	0.0000	0.0146	0.0000	0.0146	0.0000
0.0147	0.0000	0.0147	0.0000	0.0147	0.0000	0.0147	0.0000	0.0148	0.0000
0.0148	0.0000	0.0148	0.0000	0.0148	0.0000	0.0148	0.0000	0.0149	0.0000
0.0149	0.0000	0.0149	0.0000	0.0149	0.0000	0.0149	0.0000	0.0150	0.0000
0.0150	0.0000	0.0150	0.0000	0.0150	0.0000	0.0151	0.0000	0.0151	0.0000
0.0151	0.0000	0.0151	0.0000	0.0151	0.0000	0.0152	0.0001	0.0152	0.0000
0.0152	0.0000	0.0152	0.0000	0.0153	0.0000	0.0153	0.0000	0.0153	0.0000
0.0153	0.0000	0.0154	0.0000	0.0154	0.0000	0.0154	0.0000	0.0154	0.0000
0.0154	0.0000	0.0155	0.0000	0.0155	0.0000	0.0155	0.0000	0.0155	0.0000
0.0156	0.0000	0.0156	0.0000	0.0156	0.0000	0.0156	0.0001	0.0157	0.0001
0.0157	0.0000	0.0157	0.0000	0.0157	0.0000	0.0158	0.0000	0.0158	0.0000
0.0158	0.0000	0.0158	0.0000	0.0159	0.0000	0.0159	0.0000	0.0159	0.0000
0.0159	0.0000	0.0160	0.0000	0.0160	0.0000	0.0160	0.0000	0.0160	0.0000
0.0161	0.0000	0.0161	0.0000	0.0161	0.0000	0.0161	0.0000	0.0162	0.0000
0.0162	0.0000	0.0162	0.0000	0.0162	0.0000	0.0163	0.0000	0.0163	0.0000
0.0163	0.0000	0.0163	0.0000	0.0164	0.0000	0.0164	0.0001	0.0164	0.0000
0.0164	0.0000	0.0165	0.0000	0.0165	0.0000	0.0165	0.0000	0.0165	0.0000
0.0166	0.0000	0.0166	0.0000	0.0166	0.0000	0.0167	0.0000	0.0167	0.0000
0.0167	0.0000	0.0167	0.0000	0.0168	0.0001	0.0168	0.0000	0.0168	0.0000
0.0168	0.0000	0.0169	0.0000	0.0169	0.0000	0.0169	0.0000	0.0170	0.0001
0.0170	0.0001	0.0170	0.0000	0.0170	0.0000	0.0171	0.0000	0.0171	0.0001
0.0171	0.0001	0.0172	0.0000	0.0172	0.0001	0.0172	0.0000	0.0172	0.0000
0.0173	0.0000	0.0173	0.0000	0.0173	0.0000	0.0174	0.0000	0.0174	0.0000
0.0174	0.0000	0.0174	0.0000	0.0175	0.0000	0.0175	0.0000	0.0175	0.0000
0.0176	0.0000	0.0176	0.0000	0.0176	0.0000	0.0177	0.0001	0.0177	0.0001
0.0177	0.0001	0.0177	0.0001	0.0178	0.0001	0.0178	0.0001	0.0178	0.0001
0.0179	0.0000	0.0179	0.0000	0.0179	0.0000	0.0180	0.0000	0.0180	0.0000
0.0180	0.0000	0.0181	0.0000	0.0181	0.0000	0.0181	0.0000	0.0182	0.0001
0.0182	0.0000	0.0182	0.0000	0.0183	0.0000	0.0183	0.0000	0.0183	0.0000
0.0184	0.0000	0.0184	0.0000	0.0184	0.0000	0.0185	0.0000	0.0185	0.0000
0.0185	0.0000	0.0186	0.0000	0.0186	0.0000	0.0186	0.0001	0.0187	0.0000
0.0187	0.0000	0.0187	0.0001	0.0188	0.0000	0.0188	0.0001	0.0188	0.0000
0.0189	0.0000	0.0189	0.0000	0.0189	0.0000	0.0190	0.0000	0.0190	0.0000
0.0190	0.0000	0.0191	0.0000	0.0191	0.0001	0.0191	0.0001	0.0192	0.0000
0.0192	0.0000	0.0192	0.0000	0.0193	0.0000	0.0193	0.0001	0.0194	0.0001
0.0194	0.0000	0.0194	0.0000	0.0195	0.0001	0.0195	0.0001	0.0195	0.0000
0.0196	0.0000	0.0196	0.0001	0.0197	0.0000	0.0197	0.0001	0.0197	0.0000
0.0198	0.0000	0.0198	0.0000	0.0198	0.0000	0.0199	0.0000	0.0199	0.0000
0.0200	0.0000	0.0200	0.0000	0.0200	0.0000	0.0201	0.0000	0.0201	0.0000
0.0202	0.0000	0.0202	0.0000	0.0202	0.0000	0.0203	0.0001	0.0203	0.0001
0.0204	0.0001	0.0204	0.0001	0.0204	0.0000	0.0205	0.0001	0.0205	0.0001
0.0206	0.0001	0.0206	0.0001	0.0206	0.0001	0.0207	0.0000	0.0207	0.0000
0.0208	0.0001	0.0208	0.0000	0.0209	0.0000	0.0209	0.0000	0.0209	0.0000
0.0210	0.0000	0.0210	0.0000	0.0211	0.0001	0.0211	0.0001	0.0212	0.0000
0.0212	0.0000	0.0212	0.0000	0.0213	0.0000	0.0213	0.0002	0.0214	0.0002
0.0214	0.0000	0.0215	0.0000	0.0215	0.0000	0.0216	0.0000	0.0216	0.0000
0.0216	0.0000	0.0217	0.0000	0.0217	0.0000	0.0218	0.0000	0.0218	0.0000
0.0219	0.0001	0.0219	0.0000	0.0220	0.0000	0.0220	0.0002	0.0221	0.0001
0.0221	0.0000	0.0222	0.0002	0.0222	0.0001	0.0223	0.0000	0.0223	0.0003
0.0224	0.0000	0.0224	0.0001	0.0225	0.0001	0.0225	0.0001	0.0226	0.0001
0.0226	0.0000	0.0227	0.0000	0.0227	0.0001	0.0228	0.0000	0.0228	0.0000
0.0229	0.0001	0.0229	0.0000	0.0230	0.0000	0.0230	0.0000	0.0231	0.0001
0.0231	0.0000	0.0232	0.0000	0.0232	0.0000	0.0233	0.0001	0.0233	0.0003
0.0234	0.0002	0.0234	0.0001	0.0235	0.0001	0.0235	0.0002	0.0236	0.0001
0.0236	0.0000	0.0237	0.0000	0.0238	0.0001	0.0238	0.0000	0.0239	0.0000
0.0239	0.0001	0.0240	0.0000	0.0240	0.0000	0.0241	0.0001	0.0242	0.0001

** CROSS POWER SPECTRUM **

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PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM	PERIOD(SEC)	P.SPECTRUM
0.0242	0.0000	0.0243	0.0000	0.0243	0.0000	0.0244	0.0000	0.0244	0.0000
0.0245	0.0000	0.0246	0.0000	0.0246	0.0001	0.0247	0.0000	0.0247	0.0000
0.0248	0.0000	0.0249	0.0000	0.0249	0.0004	0.0250	0.0009	0.0250	0.0003
0.0251	0.0000	0.0252	0.0002	0.0252	0.0000	0.0253	0.0002	0.0253	0.0002
0.0254	0.0000	0.0255	0.0000	0.0255	0.0000	0.0256	0.0001	0.0257	0.0000
0.0257	0.0000	0.0258	0.0000	0.0259	0.0000	0.0259	0.0000	0.0260	0.0000
0.0261	0.0002	0.0261	0.0000	0.0262	0.0002	0.0263	0.0009	0.0263	0.0005
0.0264	0.0001	0.0265	0.0001	0.0265	0.0000	0.0266	0.0002	0.0267	0.0003
0.0267	0.0001	0.0268	0.0002	0.0269	0.0005	0.0269	0.0003	0.0270	0.0002
0.0271	0.0000	0.0272	0.0003	0.0272	0.0004	0.0273	0.0001	0.0274	0.0003
0.0273	0.0003	0.0275	0.0001	0.0276	0.0001	0.0277	0.0000	0.0278	0.0003
0.0278	0.0000	0.0279	0.0000	0.0280	0.0003	0.0281	0.0002	0.0281	0.0003
0.0282	0.0002	0.0283	0.0000	0.0284	0.0001	0.0284	0.0000	0.0285	0.0002
0.0286	0.0003	0.0287	0.0000	0.0288	0.0001	0.0288	0.0003	0.0289	0.0000
0.0290	0.0005	0.0291	0.0009	0.0292	0.0002	0.0293	0.0007	0.0293	0.0004
0.0294	0.0006	0.0295	0.0021	0.0296	0.0018	0.0297	0.0003	0.0298	0.0001
0.0298	0.0003	0.0299	0.0002	0.0300	0.0001	0.0301	0.0001	0.0302	0.0001
0.0303	0.0000	0.0304	0.0002	0.0305	0.0000	0.0306	0.0003	0.0307	0.0007
0.0308	0.0005	0.0308	0.0002	0.0309	0.0001	0.0310	0.0003	0.0311	0.0008
0.0312	0.0003	0.0313	0.0004	0.0314	0.0008	0.0315	0.0006	0.0316	0.0009
0.0317	0.0007	0.0318	0.0003	0.0319	0.0009	0.0320	0.0018	0.0321	0.0008
0.0322	0.0001	0.0323	0.0001	0.0324	0.0004	0.0325	0.0001	0.0326	0.0006
0.0327	0.0015	0.0328	0.0004	0.0329	0.0001	0.0330	0.0003	0.0331	0.0001
0.0332	0.0000	0.0334	0.0000	0.0335	0.0009	0.0336	0.0007	0.0337	0.0000
0.0338	0.0004	0.0339	0.0001	0.0340	0.0001	0.0341	0.0002	0.0342	0.0014
0.0344	0.0008	0.0345	0.0000	0.0346	0.0016	0.0347	0.0017	0.0348	0.0006
0.0349	0.0004	0.0351	0.0003	0.0352	0.0023	0.0353	0.0028	0.0354	0.0000
0.0356	0.0016	0.0357	0.0013	0.0358	0.0002	0.0359	0.0014	0.0361	0.0005
0.0362	0.0000	0.0363	0.0003	0.0364	0.0002	0.0366	0.0001	0.0367	0.0007
0.0368	0.0020	0.0370	0.0013	0.0371	0.0000	0.0372	0.0007	0.0374	0.0010
0.0375	0.0006	0.0376	0.0010	0.0378	0.0001	0.0379	0.0004	0.0381	0.0004
0.0382	0.0000	0.0384	0.0001	0.0385	0.0023	0.0386	0.0042	0.0388	0.0024
0.0389	0.0016	0.0391	0.0033	0.0392	0.0024	0.0394	0.0001	0.0395	0.0009
0.0397	0.0014	0.0398	0.0013	0.0400	0.0009	0.0402	0.0010	0.0403	0.0006
0.0405	0.0001	0.0406	0.0004	0.0408	0.0002	0.0410	0.0009	0.0411	0.0002
0.0413	0.0021	0.0415	0.0070	0.0416	0.0010	0.0418	0.0045	0.0420	0.0127
0.0421	0.0031	0.0423	0.0011	0.0425	0.0023	0.0427	0.0006	0.0428	0.0075
0.0430	0.0052	0.0432	0.0053	0.0434	0.0073	0.0436	0.0012	0.0438	0.0000
0.0439	0.0001	0.0441	0.0013	0.0443	0.0014	0.0445	0.0013	0.0447	0.0039
0.0449	0.0034	0.0451	0.0054	0.0453	0.0046	0.0455	0.0016	0.0457	0.0082
0.0459	0.0050	0.0461	0.0006	0.0463	0.0193	0.0465	0.0187	0.0468	0.0025
0.0470	0.0391	0.0472	0.0281	0.0474	0.0003	0.0476	0.0079	0.0479	0.0010
0.0481	0.0118	0.0483	0.0144	0.0485	0.0007	0.0488	0.0235	0.0490	0.0290
0.0492	0.0029	0.0495	0.0296	0.0497	0.0240	0.0500	0.0021	0.0502	0.0168
0.0504	0.0240	0.0507	0.0333	0.0509	0.0417	0.0512	0.0348	0.0515	0.0226
0.0517	0.0148	0.0520	0.0099	0.0522	0.0031	0.0525	0.0016	0.0528	0.0175
0.0531	0.0324	0.0533	0.0148	0.0536	0.0056	0.0539	0.0278	0.0542	0.0194
0.0545	0.0055	0.0548	0.0057	0.0551	0.0015	0.0554	0.0018	0.0557	0.0012
0.0560	0.0047	0.0563	0.0290	0.0566	0.0681	0.0569	0.0201	0.0572	0.0001
0.0575	0.0255	0.0579	0.1381	0.0582	0.1299	0.0585	0.0277	0.0589	0.0093
0.0592	0.0468	0.0595	0.3325	0.0599	0.3584	0.0602	0.0726	0.0606	0.0422
0.0610	0.0812	0.0613	0.0283	0.0617	0.0646	0.0621	0.0273	0.0624	0.0351
0.0628	0.1279	0.0632	0.0743	0.0636	0.0344	0.0640	0.0533	0.0644	0.1116
0.0648	0.2103	0.0652	0.1443	0.0656	0.0094	0.0661	0.1167	0.0665	0.1466
0.0669	0.0213	0.0674	0.1372	0.0678	0.0560	0.0683	0.0711	0.0687	0.3630
0.0692	0.2173	0.0697	0.0310	0.0701	0.0330	0.0706	0.0040	0.0711	0.0197
0.0716	0.0374	0.0721	0.0198	0.0726	0.0223	0.0731	0.0275	0.0737	0.1573
0.0742	0.4302	0.0747	0.5689	0.0753	0.3796	0.0759	0.1947	0.0764	0.1502
0.0770	0.0498	0.0776	0.1453	0.0782	0.3602	0.0788	1.0000	0.0794	0.8798
0.0800	0.2704	0.0806	0.3411	0.0813	0.8108	0.0819	0.7717	0.0826	0.4704

** CROSS POWER SPECTRUM **

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PERIOD(SEC)	P·SPECTRUM	PERIOD(SEC)	P·SPECTRUM	PERIOD(SEC)	P·SPECTRUM	PERIOD(SEC)	P·SPECTRUM	PERIOD(SEC)	P·SPECTRUM
0.0833	0.4641	0.0839	0.1341	0.0846	0.2736	0.0853	0.9482	0.0861	0.7608
0.0868	0.4426	0.0875	0.4099	0.0883	0.7483	0.0890	0.9134	0.0898	0.4019
0.0906	0.0907	0.0914	0.0898	0.0923	0.0143	0.0931	0.0197	0.0939	0.0285
0.0948	0.0586	0.0957	0.2789	0.0966	0.2901	0.0975	0.1972	0.0985	0.3101
0.0994	0.7268	0.1008	0.0427	0.1014	0.0336	0.1024	0.0009	0.1034	0.1926
0.1045	0.3450	0.1056	0.1835	0.1067	0.2237	0.1078	0.1635	0.1089	0.0159
0.1101	0.0844	0.1113	0.0668	0.1125	0.0225	0.1138	0.0408	0.1151	0.0354
0.1164	0.0666	0.1177	0.1518	0.1191	0.1103	0.1205	0.0814	0.1219	0.1096
0.1234	0.0568	0.1249	0.0974	0.1264	0.0593	0.1280	0.0235	0.1296	0.0437
0.1313	0.0304	0.1330	0.1079	0.1347	0.0384	0.1365	0.0716	0.1384	0.1630
0.1403	0.0566	0.1422	0.0015	0.1442	0.0203	0.1463	0.0287	0.1484	0.0057
0.1506	0.0087	0.1528	0.0122	0.1552	0.1176	0.1575	0.1744	0.1600	0.0499
0.1625	0.0927	0.1652	0.1596	0.1679	0.0282	0.1707	0.0389	0.1736	0.0930
0.1766	0.0062	0.1796	0.0960	0.1829	0.1569	0.1862	0.0247	0.1896	0.1091
0.1932	0.1942	0.1969	0.0755	0.2008	0.1380	0.2048	0.2471	0.2090	0.1394
0.2133	0.0252	0.2179	0.0381	0.2226	0.0679	0.2276	0.2246	0.2327	0.4741
0.2381	0.3337	0.2438	0.1267	0.2498	0.1594	0.2560	0.0253	0.2626	0.0798
0.2695	0.2477	0.2768	0.2355	0.2844	0.3670	0.2926	0.2868	0.3012	0.1529
0.3103	0.0618	0.3200	0.3207	0.3303	0.0140	0.3413	0.1194	0.3531	0.2004
0.3657	0.1036	0.3783	0.0186	0.3938	0.0098	0.4096	0.0786	0.4267	0.1433
0.4452	0.1839	0.4655	0.2921	0.4876	0.1494	0.5120	0.0242	0.5389	0.0518
0.5689	0.0531	0.6024	0.0475	0.6400	0.0597	0.6827	0.0347	0.7314	0.0232
0.7877	0.0384	0.8533	0.0449	0.9309	0.0317	1.0240	0.0784	1.1378	0.1038
1.2800	0.1214	1.4629	0.1596	1.7067	0.1094	2.0480	0.0178	2.5600	0.0087
3.4133	0.0127	5.1200	0.0003	10.2400	0.0114				

* CROSS POWER SPECTRUM END. *

** CROSS CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
0.0	0.5097	0.0100	0.8071	0.0200	0.9479	0.0300	1.0000	0.0400	0.9306
0.0500	0.7975	0.0600	0.5493	0.0700	0.2277	0.0800	-0.1308	0.0900	-0.4767
0.1000	-0.7555	0.1100	-0.9188	0.1200	-0.9352	0.1300	-0.7966	0.1400	-0.5211
0.1500	-0.1521	0.1600	0.2476	0.1700	0.6065	0.1800	0.8584	0.1900	0.9558
0.2000	0.8809	0.2100	0.6479	0.2200	0.2999	0.2300	-0.1007	0.2400	-0.4852
0.2500	-0.7902	0.2600	-0.9680	0.2700	-0.9944	0.2800	-0.8729	0.2900	-0.6316
0.3000	-0.3156	0.3100	0.0222	0.3200	0.3301	0.3300	0.5653	0.3400	0.6987
0.3500	0.7177	0.3600	0.6271	0.3700	0.4469	0.3800	0.2083	0.3900	-0.0515
0.4000	-0.2456	0.4100	-0.4887	0.4200	-0.6065	0.4300	-0.6323	0.4400	-0.5625
0.4500	-0.4073	0.4600	-0.1894	0.4700	0.0591	0.4800	0.3016	0.4900	0.5017
0.5000	0.6286	0.5100	0.6670	0.5200	0.5952	0.5300	0.4375	0.5400	0.2130
0.5500	-0.0427	0.5600	-0.2889	0.5700	-0.4865	0.5800	-0.6037	0.5900	-0.6218
0.6000	-0.5379	0.6100	-0.3665	0.6200	-0.1377	0.6300	0.1088	0.6400	0.3304
0.6500	0.4499	0.6600	0.5618	0.6700	0.5366	0.6800	0.4212	0.6900	0.2377
0.7000	0.0189	0.7100	-0.1975	0.7200	-0.3755	0.7300	-0.4878	0.7400	-0.5196
0.7500	-0.4707	0.7600	-0.3534	0.7700	-0.1903	0.7800	-0.0090	0.7900	0.1620
0.8000	0.2977	0.8100	0.3828	0.8200	0.4049	0.8300	0.3633	0.8400	0.2673
0.8500	0.1335	0.8600	-0.0164	0.8700	-0.1592	0.8800	-0.2733	0.8900	-0.3418
0.9000	-0.3553	0.9100	-0.3128	0.9200	-0.2217	0.9300	-0.0962	0.9400	0.0441
0.9500	0.1778	0.9600	0.2841	0.9700	0.3460	0.9800	0.3533	0.9900	0.3044
1.0000	0.2068	1.0100	0.0763	1.0200	-0.0648	1.0300	-0.1919	1.0400	-0.2816
1.0500	-0.3172	1.0600	-0.2920	1.0700	-0.2109	1.0800	-0.0896	1.0900	0.0487
1.1000	0.1777	1.1100	0.2729	1.1200	0.3164	1.1300	0.2999	1.1400	0.2266
1.1500	0.1105	1.1600	-0.0267	1.1700	-0.1605	1.1800	-0.2679	1.1900	-0.3311
1.2000	-0.3398	1.2100	-0.2932	1.2200	-0.1996	1.2300	-0.0757	1.2400	0.0568
1.2500	0.1755	1.2600	0.2606	1.2700	0.2980	1.2800	0.2819	1.2900	0.2150
1.3000	0.1085	1.3100	-0.0202	1.3200	-0.1506	1.3300	-0.2619	1.3400	-0.3361
1.3500	-0.3614	1.3600	-0.3341	1.3700	-0.2588	1.3800	-0.1482	1.3900	-0.0207
1.4000	0.1030	1.4100	0.2031	1.4200	0.2642	1.4300	0.2776	1.4400	0.2426
1.4500	0.1658	1.4600	0.0601	1.4700	-0.0581	1.4800	-0.1712	1.4900	-0.2622
1.5000	-0.3171	1.5100	-0.3274	1.5200	-0.2913	1.5300	-0.2141	1.5400	-0.1078
1.5500	0.0117	1.5600	0.1262	1.5700	0.2180	1.5800	0.2731	1.5900	0.2831
1.6000	0.2467	1.6100	0.1704	1.6200	0.0671	1.6300	-0.0461	1.6400	-0.1508
1.6500	-0.2302	1.6600	-0.2718	1.6700	-0.2694	1.6800	-0.2238	1.6900	-0.1430
1.7000	-0.0411	1.7100	0.0649	1.7200	0.1578	1.7300	0.2230	1.7400	0.2512
1.7500	0.2390	1.7600	0.1900	1.7700	0.1132	1.7800	0.0222	1.7900	-0.0675
1.8000	-0.1409	1.8100	-0.1869	1.8200	-0.1995	1.8300	-0.1788	1.8400	-0.1303
1.8500	-0.0636	1.8600	0.0098	1.8700	0.0783	1.8800	0.1325	1.8900	0.1666
1.9000	0.1783	1.9100	0.1690	1.9200	0.1429	1.9300	0.1062	1.9400	0.0652
1.9500	0.0256	1.9600	-0.0084	1.9700	-0.0347	1.9800	-0.0525	1.9900	-0.0625
2.0000	-0.0662	2.0100	-0.0652	2.0200	-0.0612	2.0300	-0.0557	2.0400	-0.0494
2.0500	-0.0423	2.0600	-0.0347	2.0700	-0.0273	2.0800	-0.0207	2.0900	-0.0153
2.1000	-0.0114	2.1100	-0.0088	2.1200	-0.0068	2.1300	-0.0059	2.1400	-0.0054
2.1500	-0.0047	2.1600	-0.0026	2.1700	0.0013	2.1800	0.0069	2.1900	0.0134
2.2000	0.0188	2.2100	0.0209	2.2200	0.0177	2.2300	0.0083	2.2400	-0.0062
2.2500	-0.0230	2.2600	-0.0372	2.2700	-0.0439	2.2800	-0.0387	2.2900	-0.0201
2.3000	0.0100	2.3100	0.0464	2.3200	0.0818	2.3300	0.1084	2.3400	0.1206
2.3500	0.1157	2.3600	0.0948	2.3700	0.0618	2.3800	0.0231	2.3900	-0.0146
2.4000	-0.0456	2.4100	-0.0667	2.4200	-0.0773	2.4300	-0.0782	2.4400	-0.0713
2.4500	-0.0583	2.4600	-0.0409	2.4700	-0.0208	2.4800	0.0002	2.4900	0.0202
2.5000	0.0375	2.5100	0.0562	2.5200	0.0563	2.5300	0.0537	2.5400	0.0411
2.5500	0.0185	2.5600	-0.0123	2.5700	-0.0473	2.5800	-0.0815	2.5900	-0.1093
2.6000	-0.1258	2.6100	-0.1278	2.6200	-0.1139	2.6300	-0.0857	2.6400	-0.0470
2.6500	-0.0033	2.6600	0.0389	2.6700	0.0732	2.6800	0.0947	2.6900	0.1008
2.7000	0.0920	2.7100	0.0713	2.7200	0.0439	2.7300	0.0163	2.7400	-0.0054
2.7500	-0.0164	2.7600	-0.0142	2.7700	0.0010	2.7800	0.0270	2.7900	0.0592
2.8000	0.0920	2.8100	0.1194	2.8200	0.1362	2.8300	0.1396	2.8400	0.1297
2.8500	0.1091	2.8600	0.0819	2.8700	0.0530	2.8800	0.0269	2.8900	0.0076
2.9000	-0.0030	2.9100	-0.0050	2.9200	0.0000	2.9300	0.0090	2.9400	0.0190
2.9500	0.0273	2.9600	0.0318	2.9700	0.0317	2.9800	0.0272	2.9900	0.0190

** CROSS CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
3.0000	0.0081	3.0100	-0.0053	3.0200	-0.0707	3.0300	-0.0374	3.0400	-0.0542
3.0500	-0.0595	3.0600	-0.0820	3.0700	-0.0904	3.0800	-0.0937	3.0900	-0.0912
3.1000	-0.0424	3.1100	-0.0669	3.1200	-0.0460	3.1300	-0.0216	3.1400	0.0020
3.1500	0.0222	3.1600	0.0351	3.1700	0.0379	3.1800	0.0298	3.1900	0.0119
3.2000	-0.0129	3.2100	-0.0396	3.2200	-0.0625	3.2300	-0.0765	3.2400	-0.0781
3.2500	-0.0663	3.2600	-0.0426	3.2700	-0.0109	3.2800	0.0237	3.2900	0.0558
3.3000	0.0802	3.3100	0.0932	3.3200	0.0926	3.3300	0.0789	3.3400	0.0550
3.3500	0.0254	3.3600	-0.0045	3.3700	-0.0298	3.3800	-0.0465	3.3900	-0.0524
3.4000	-0.0468	3.4100	-0.0317	3.4200	-0.0104	3.4300	0.0124	3.4400	0.0319
3.4500	0.0444	3.4600	0.0480	3.4700	0.0426	3.4800	0.0292	3.4900	0.0110
3.5000	-0.0088	3.5100	-0.0270	3.5200	-0.0409	3.5300	-0.0491	3.5400	-0.0510
3.5500	-0.0463	3.5600	-0.0351	3.5700	-0.0178	3.5800	0.0046	3.5900	0.0304
3.6000	0.0567	3.6100	0.0795	3.6200	0.0947	3.6300	0.0986	3.6400	0.0891
3.6500	0.0657	3.6600	0.0302	3.6700	-0.0130	3.6800	-0.0559	3.6900	-0.0929
3.7000	-0.7129	3.7100	-0.1113	3.7200	-0.0863	3.7300	-0.0407	3.7400	0.0183
3.7500	0.0805	3.7600	0.1345	3.7700	0.1697	3.7800	0.1789	3.7900	0.1596
3.8000	0.1148	3.8100	0.0522	3.8200	-0.0174	3.8300	-0.0823	3.8400	-0.1323
3.8500	-0.1604	3.8600	-0.1633	3.8700	-0.1429	3.8800	-0.1040	3.8900	-0.0543
3.9000	-0.0030	3.9100	0.0413	3.9200	0.0723	3.9300	0.0868	3.9400	0.0846
3.9500	0.0677	3.9600	0.0402	3.9700	0.0070	3.9800	-0.0268	3.9900	-0.0565
4.0000	-0.0790	4.0100	-0.0925	4.0200	-0.0967	4.0300	-0.0919	4.0400	-0.0789
4.0500	-0.0585	4.0600	-0.0315	4.0700	-0.0007	4.0800	0.0305	4.0900	0.0582
4.1000	0.0786	4.1100	0.0885	4.1200	0.0853	4.1300	0.0687	4.1400	0.0409
4.1500	0.0066	4.1600	-0.0274	4.1700	-0.0565	4.1800	-0.0738	4.1900	-0.0768
4.2000	-0.0633	4.2100	-0.0423	4.2200	-0.0126	4.2300	0.0171	4.2400	0.0411
4.2500	0.0555	4.2600	0.0590	4.2700	0.0528	4.2800	0.0401	4.2900	0.0247
4.3000	0.0100	4.3100	-0.0019	4.3200	-0.0103	4.3300	-0.0164	4.3400	-0.0219
4.3500	-0.0290	4.3600	-0.0347	4.3700	-0.0510	4.3800	-0.0634	4.3900	-0.0720
4.4000	-0.0726	4.4100	-0.0621	4.4200	-0.0399	4.4300	-0.0081	4.4400	0.0289
4.4500	0.0642	4.4600	0.0904	4.4700	0.1010	4.4800	0.0920	4.4900	0.0631
4.5000	0.0180	4.5100	-0.0357	4.5200	-0.0883	4.5300	-0.1296	4.5400	-0.1514
4.5500	-0.1448	4.5600	-0.1216	4.5700	-0.0744	4.5800	-0.0155	4.5900	0.0446
4.6000	0.0654	4.6100	0.1287	4.6200	0.1401	4.6300	0.1294	4.6400	0.1008
4.6500	0.0611	4.6600	0.0185	4.6700	-0.0199	4.6800	-0.0490	4.6900	-0.0665
4.7000	-0.0728	4.7100	-0.0698	4.7200	-0.0602	4.7300	-0.0462	4.7400	-0.0290
4.7500	-0.0090	4.7600	0.0138	4.7700	0.0386	4.7800	0.0633	4.7900	0.0842
4.8000	0.0972	4.8100	0.0983	4.8200	0.0851	4.8300	0.0568	4.8400	0.0154
4.8500	-0.0344	4.8600	-0.0858	4.8700	-0.1299	4.8800	-0.1576	4.8900	-0.1620
4.9000	-0.1397	4.9100	-0.0920	4.9200	-0.0271	4.9300	0.0442	4.9400	0.1097
4.9500	0.1581	4.9600	0.1510	4.9700	0.1746	4.9800	0.1407	4.9900	0.0867
5.0000	0.0232	5.0100	-0.0378	5.0200	-0.0864	5.0300	-0.1153	5.0400	-0.1215
5.0500	-0.1058	5.0600	-0.0735	5.0700	-0.0321	5.0800	0.0099	5.0900	0.0452
5.1000	0.0692	5.1100	0.0798	5.1200	0.0775	5.1300	0.0641	5.1400	0.0424
5.1500	0.0155	5.1600	-0.0135	5.1700	-0.0413	5.1800	-0.0652	5.1900	-0.0822
5.2000	-0.0898	5.2100	-0.0863	5.2200	-0.0708	5.2300	-0.0443	5.2400	-0.0101
5.2500	0.0266	5.2600	0.0590	5.2700	0.0807	5.2800	0.0868	5.2900	0.0753
5.3000	0.0475	5.3100	0.0086	5.3200	-0.0342	5.3300	-0.0722	5.3400	-0.0975
5.3500	-0.1048	5.3600	-0.0928	5.3700	-0.0630	5.3800	-0.0238	5.3900	0.0198
5.4000	0.0586	5.4100	0.0853	5.4200	0.0948	5.4300	0.0852	5.4400	0.0582
5.4500	0.0186	5.4600	-0.0263	5.4700	-0.0682	5.4800	-0.0994	5.4900	-0.1139
5.5000	-0.1083	5.5100	-0.0827	5.5200	-0.0413	5.5300	0.0090	5.5400	0.0591
5.5500	0.1003	5.5600	0.1256	5.5700	0.1313	5.5800	0.1170	5.5900	0.0866
5.6000	0.0459	5.6100	0.0012	5.6200	-0.0411	5.6300	-0.0755	5.6400	-0.0970
5.6500	-0.1020	5.6600	-0.0894	5.6700	-0.0606	5.6800	-0.0196	5.6900	0.0275
5.7000	0.0729	5.7100	0.1090	5.7200	0.1292	5.7300	0.1293	5.7400	0.1085
5.7500	0.0694	5.7600	0.0182	5.7700	-0.0367	5.7800	-0.0855	5.7900	-0.1195
5.8000	-0.1323	5.8100	-0.1214	5.8200	-0.0887	5.8300	-0.0398	5.8400	0.0173
5.8500	0.0729	5.8600	0.1179	5.8700	0.1452	5.8800	0.1503	5.8900	0.1322
5.9000	0.0936	5.9100	0.0399	5.9200	-0.0210	5.9300	-0.0801	5.9400	-0.1287
5.9500	-0.1596	5.9600	-0.1679	5.9700	-0.1518	5.9800	-0.1131	5.9900	-0.0571

** CROSS CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
6.0000	0.0077	6.0100	0.0709	6.0200	0.1218	6.0300	0.1516	6.0400	0.1552
6.0500	0.1319	6.0600	0.0861	6.0700	0.0259	6.0800	-0.0380	6.0900	-0.0950
6.1000	-0.1360	6.1100	-0.1550	6.1200	-0.1495	6.1300	-0.1206	6.1400	-0.0734
6.1500	-0.0156	6.1600	0.0436	6.1700	0.0954	6.1800	0.1322	6.1900	0.1491
6.2000	0.1438	6.2100	0.1175	6.2200	0.0741	6.2300	0.0203	6.2400	-0.0355
6.2500	-0.0849	6.2600	-0.1208	6.2700	-0.1390	6.2800	-0.1376	6.2900	-0.1174
6.3000	-0.0817	6.3100	-0.0360	6.3200	0.0126	6.3300	0.0571	6.3400	0.0912
6.3500	0.1106	6.3600	0.1128	6.3700	0.0979	6.3800	0.0678	6.3900	0.0267
6.4000	-0.0197	6.4100	-0.0643	6.4200	-0.1007	6.4300	-0.1220	6.4400	-0.1244
6.4500	-0.1063	6.4600	-0.0696	6.4700	-0.0189	6.4800	0.0383	6.4900	0.0930
6.5000	0.1365	6.5100	0.1617	6.5200	0.1646	6.5300	0.1444	6.5400	0.1046
6.5500	0.0515	6.5600	-0.0056	6.5700	-0.0569	6.5800	-0.0932	6.5900	-0.1082
6.6000	-0.0994	6.6100	-0.0690	6.6200	-0.0232	6.6300	0.0292	6.6400	0.0782
6.6500	0.1147	6.6600	0.1321	6.6700	0.1274	6.6800	0.1017	6.6900	0.0595
6.7000	0.0081	6.7100	-0.0444	6.7200	-0.0901	6.7300	-0.1226	6.7400	-0.1381
6.7500	-0.1357	6.7600	-0.1173	6.7700	-0.0870	6.7800	-0.0501	6.7900	-0.0119
6.8000	0.0231	6.8100	0.0507	6.8200	0.0680	6.8300	0.0736	6.8400	0.0681
6.8500	0.0523	6.8600	0.0282	6.8700	0.0000	6.8800	-0.0265	6.8900	-0.0458
6.9000	-0.0532	6.9100	-0.0464	6.9200	-0.0261	6.9300	0.0042	6.9400	0.0385
6.9500	0.0702	6.9600	0.0929	6.9700	0.1018	6.9800	0.0949	6.9900	0.0731
7.0000	0.0406	7.0100	0.0034	7.0200	-0.0322	7.0300	-0.0609	7.0400	-0.0788
7.0500	-0.0836	7.0600	-0.0752	7.0700	-0.0552	7.0800	-0.0274	7.0900	0.0031
7.1000	0.0303	7.1100	0.0486	7.1200	0.0547	7.1300	0.0477	7.1400	0.0297
7.1500	0.0047	7.1600	-0.0223	7.1700	-0.0460	7.1800	-0.0621	7.1900	-0.0683
7.2000	-0.0652	7.2100	-0.0554	7.2200	-0.0423	7.2300	-0.0288	7.2400	-0.0166
7.2500	-0.0063	7.2600	0.0024	7.2700	0.0101	7.2800	0.0177	7.2900	0.0255
7.3000	0.0328	7.3100	0.0380	7.3200	0.0387	7.3300	0.0331	7.3400	0.0205
7.3500	0.0025	7.3600	-0.0183	7.3700	-0.0381	7.3800	-0.0536	7.3900	-0.0619
7.4000	-0.0615	7.4100	-0.0523	7.4200	-0.0360	7.4300	-0.0153	7.4400	0.0062
7.4500	0.0256	7.4600	0.0402	7.4700	0.0488	7.4800	0.0508	7.4900	0.0468
7.5000	0.0380	7.5100	0.0263	7.5200	0.0138	7.5300	0.0027	7.5400	-0.0051
7.5500	-0.0081	7.5600	-0.0059	7.5700	0.0012	7.5800	0.0113	7.5900	0.0216
7.6000	0.0288	7.6100	0.0300	7.6200	0.0239	7.6300	0.0114	7.6400	-0.0048
7.6500	-0.0207	7.6600	-0.0321	7.6700	-0.0360	7.6800	-0.0314	7.6900	-0.0195
7.7000	-0.0028	7.7100	0.0148	7.7200	0.0296	7.7300	0.0385	7.7400	0.0399
7.7500	0.0339	7.7600	0.0219	7.7700	0.0062	7.7800	-0.0409	7.7900	-0.0266
7.8000	-0.0387	7.8100	-0.0454	7.8200	-0.0457	7.8300	-0.0396	7.8400	-0.0283
7.8500	-0.0134	7.8600	0.0022	7.8700	0.0155	7.8800	0.0238	7.8900	0.0258
7.9000	0.0215	7.9100	0.0124	7.9200	0.0008	7.9300	-0.0099	7.9400	-0.0168
7.9500	-0.0185	7.9600	-0.0155	7.9700	-0.0098	7.9800	-0.0030	7.9900	0.0042
8.0000	0.0113	8.0100	0.0182	8.0200	0.0243	8.0300	0.0293	8.0400	0.0323
8.0500	0.0324	8.0600	0.0286	8.0700	0.0203	8.0800	0.0081	8.0900	-0.0070
8.1000	-0.0226	8.1100	-0.0362	8.1200	-0.0453	8.1300	-0.0477	8.1400	-0.0427
8.1500	-0.0308	8.1600	-0.0142	8.1700	0.0036	8.1800	0.0187	8.1900	0.0277
8.2000	0.0285	8.2100	0.0206	8.2200	0.0065	8.2300	-0.0112	8.2400	-0.0283
8.2500	-0.0411	8.2600	-0.0470	8.2700	-0.0448	8.2800	-0.0355	8.2900	-0.0215
8.3000	-0.0060	8.3100	0.0078	8.3200	0.0177	8.3300	0.0217	8.3400	0.0216
8.3500	0.0182	8.3600	0.0133	8.3700	0.0083	8.3800	0.0041	8.3900	0.0010
8.4000	-0.0011	8.4100	-0.0024	8.4200	-0.0035	8.4300	-0.0047	8.4400	-0.0060
8.4500	-0.0071	8.4600	-0.0073	8.4700	-0.0058	8.4800	-0.0020	8.4900	0.0044
8.5000	0.0137	8.5100	0.0231	8.5200	0.0324	8.5300	0.0393	8.5400	0.0421
8.5500	0.0397	8.5600	0.0323	8.5700	0.0206	8.5800	0.0068	8.5900	-0.0068
8.6000	-0.0179	8.6100	-0.0245	8.6200	-0.0261	8.6300	-0.0230	8.6400	-0.0166
8.6500	-0.0087	8.6600	-0.0010	8.6700	0.0052	8.6800	0.0089	8.6900	0.0099
8.7000	0.0084	8.7100	0.0053	8.7200	0.0012	8.7300	-0.0033	8.7400	-0.0074
8.7500	-0.0106	8.7600	-0.0126	8.7700	-0.0130	8.7800	-0.0119	8.7900	-0.0093
8.8000	-0.0053	8.8100	-0.0006	8.8200	0.0044	8.8300	0.0088	8.8400	0.0118
8.8500	0.0128	8.8600	0.0115	8.8700	0.0079	8.8800	0.0023	8.8900	-0.0048
8.9000	-0.0123	8.9100	-0.0192	8.9200	-0.0242	8.9300	-0.0262	8.9400	-0.0247
8.9500	-0.0197	8.9600	-0.0118	8.9700	-0.0024	8.9800	0.0071	8.9900	0.0150

** CROSS CORRELATION FUNCTION **

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TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION	TIME(SEC)	CORRELATION
9.0000	0.0202	9.0100	0.0218	9.0200	0.0198	9.0300	0.0169	9.0400	0.0082
9.0500	0.0012	9.0600	-0.0046	9.0700	-0.0082	9.0800	-0.0094	9.0900	-0.0084
9.1000	-0.0062	9.1100	-0.0036	9.1200	-0.0014	9.1300	-0.0001	9.1400	0.0003
9.1500	0.0002	9.1600	-0.0001	9.1700	-0.0000	9.1800	-0.0000	9.1900	0.0001
9.2000	0.0002	9.2100	-0.0001	9.2200	-0.0010	9.2300	-0.0026	9.2400	-0.0047
9.2500	-0.0070	9.2600	-0.0089	9.2700	-0.0094	9.2800	-0.0096	9.2900	-0.0080
9.3000	-0.0050	9.3100	-0.0019	9.3200	0.0020	9.3300	0.0048	9.3400	0.0066
9.3500	0.0070	9.3600	0.0060	9.3700	0.0038	9.3800	0.0007	9.3900	-0.0028
9.4000	-0.0060	9.4100	-0.0084	9.4200	-0.0097	9.4300	-0.0094	9.4400	-0.0078
9.4500	-0.0050	9.4600	-0.0015	9.4700	0.0018	9.4800	0.0042	9.4900	0.0053
9.5000	0.0050	9.5100	0.0035	9.5200	0.0014	9.5300	-0.0006	9.5400	-0.0023
9.5500	-0.0032	9.5600	-0.0033	9.5700	-0.0027	9.5800	-0.0017	9.5900	-0.0007
9.6000	0.0001	9.6100	0.0006	9.6200	0.0010	9.6300	0.0015	9.6400	0.0022
9.6500	0.0031	9.6600	0.0039	9.6700	0.0044	9.6800	0.0043	9.6900	0.0034
9.7000	0.0018	9.7100	-0.0003	9.7200	-0.0024	9.7300	-0.0041	9.7400	-0.0050
9.7500	-0.0050	9.7600	-0.0039	9.7700	-0.0020	9.7800	0.0001	9.7900	0.0019
9.8000	0.0031	9.8100	0.0039	9.8200	0.0031	9.8300	0.0021	9.8400	0.0007
9.8500	-0.0007	9.8600	-0.0019	9.8700	-0.0027	9.8800	-0.0030	9.8900	-0.0029
9.9000	-0.0022	9.9100	-0.0011	9.9200	0.0002	9.9300	0.0015	9.9400	0.0024
9.9500	0.0028	9.9600	0.0024	9.9700	0.0015	9.9800	0.0002	9.9900	-0.0010
10.0000	-0.0019	10.0100	-0.0022	10.0200	-0.0020	10.0300	-0.0013	10.0400	-0.0004
10.0500	0.0005	10.0600	0.0011	10.0700	0.0014	10.0800	0.0013	10.0900	0.0009
10.1000	0.0003	10.1100	-0.0002	10.1200	-0.0006	10.1300	-0.0008	10.1400	-0.0007
10.1500	-0.0005	10.1600	-0.0003	10.1700	-0.0000	10.1800	0.0001	10.1900	0.0001
10.2000	0.0001	10.2100	0.0000	10.2200	-0.0000				

* CROSS-CORRELATION FUNCTION END. *

** TRANSFER FUNCTION (GAIN) **

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PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)
0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0	0.0100	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0	0.0101	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0
0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0102	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0
0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0103	0.0	0.0104	0.0
0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0
0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0104	0.0	0.0105	0.0
0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0105	0.0
0.0105	0.0	0.0105	0.0	0.0105	0.0	0.0106	0.0	0.0106	0.0
0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0	0.0106	0.0
0.0106	0.0	0.0106	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0
0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0	0.0107	0.0
0.0107	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0	0.0108	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0109	0.0
0.0109	0.0	0.0109	0.0	0.0109	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0	0.0110	0.0
0.0110	0.0	0.0110	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0	0.0111	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0112	0.0
0.0112	0.0	0.0112	0.0	0.0112	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0	0.0113	0.0
0.0113	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0
0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0114	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0	0.0115	0.0
0.0115	0.0	0.0115	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0	0.0116	0.0
0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0	0.0117	0.0
0.0117	0.0	0.0117	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0
0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0118	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0	0.0119	0.0
0.0119	0.0	0.0119	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0
0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0120	0.0	0.0121	0.0
0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0	0.0121	0.0
0.0121	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0122	0.0
0.0122	0.0	0.0122	0.0	0.0122	0.0	0.0123	0.0	0.0123	0.0
0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0123	0.0	0.0124	0.0
0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0	0.0124	0.0
0.0124	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0125	0.0
0.0125	0.0	0.0125	0.0	0.0125	0.0	0.0126	0.0	0.0126	0.0
0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0126	0.0	0.0127	0.0
0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0	0.0127	0.0
0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0	0.0128	0.0
0.0128	0.0	0.0128	0.0	0.0129	0.0	0.0129	0.0	0.0129	0.0
0.0129	0.0	0.0129	0.0	0.0129	0.0	0.0130	0.0	0.0130	0.0
0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0130	0.0	0.0131	0.0
0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0	0.0131	0.0
0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0	0.0132	0.0
0.0132	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0	0.0133	0.0
0.0133	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0	0.0134	0.0
0.0134	0.0	0.0134	0.0	0.0135	0.0	0.0135	0.0	0.0135	0.0
0.0135	0.0	0.0135	0.0	0.0135	0.0	0.0136	0.0	0.0136	0.0
0.0136	0.0	0.0136	0.0	0.0136	0.0	0.0137	0.0	0.0137	0.0
0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0137	0.0	0.0138	0.0
0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0138	0.0	0.0139	0.0
0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0139	0.0	0.0140	0.0
0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0	0.0140	0.0
0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0	0.0141	0.0

** TRANSFER FUNCTION (GAIN) **

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PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)
0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0	0.0142	0.0
0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0	0.0143	0.0
0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0	0.0144	0.0
0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0	0.0145	0.0
0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0	0.0146	0.0
0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0147	0.0	0.0148	0.0
0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0148	0.0	0.0149	0.0
0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0149	0.0	0.0150	0.0
0.0150	0.0	0.0150	0.0	0.0150	0.0	0.0151	0.0	0.0151	0.0
0.0151	0.0	0.0151	0.0	0.0151	0.0	0.0152	0.0	0.0152	0.0
0.0152	0.0	0.0152	0.0	0.0153	0.0	0.0153	0.0	0.0153	0.0
0.0153	0.0	0.0154	0.0	0.0154	0.0	0.0154	0.0	0.0154	0.0
0.0154	0.0	0.0155	0.0	0.0155	0.0	0.0155	0.0	0.0155	0.0
0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0156	0.0	0.0157	0.0
0.0157	0.0	0.0157	0.0	0.0157	0.0	0.0158	0.0	0.0158	0.0
0.0158	0.0	0.0158	0.0	0.0159	0.0	0.0159	0.0	0.0159	0.0
0.0159	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0	0.0160	0.0
0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0161	0.0	0.0162	0.0
0.0162	0.0	0.0162	0.0	0.0162	0.0	0.0163	0.0	0.0163	0.0
0.0163	0.0	0.0163	0.0	0.0164	0.0	0.0164	0.0	0.0164	0.0
0.0164	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0	0.0165	0.0
0.0166	0.0	0.0166	0.0	0.0166	0.0	0.0167	0.0	0.0167	0.0
0.0167	0.0	0.0167	0.0	0.0168	0.0	0.0168	0.0	0.0168	0.0
0.0168	0.0	0.0169	0.0	0.0169	0.0	0.0169	0.0	0.0170	0.0
0.0170	0.0	0.0170	0.0	0.0170	0.0	0.0171	0.0	0.0171	0.0
0.0171	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0	0.0172	0.0
0.0173	0.0	0.0173	0.0	0.0173	0.0	0.0174	0.0	0.0174	0.0
0.0174	0.0	0.0174	0.0	0.0175	0.0	0.0175	0.0	0.0175	0.0
0.0176	0.0	0.0176	0.0	0.0176	0.0	0.0177	0.0	0.0177	0.0
0.0177	0.0	0.0177	0.0	0.0178	0.0	0.0178	0.0	0.0178	0.0
0.0179	0.0	0.0179	0.0	0.0179	0.0	0.0180	0.0	0.0180	0.0
0.0180	0.0	0.0181	0.0	0.0181	0.0	0.0181	0.0	0.0182	0.0
0.0182	0.0	0.0182	0.0	0.0183	0.0	0.0183	0.0	0.0183	0.0
0.0184	0.0	0.0184	0.0	0.0184	0.0	0.0185	0.0	0.0185	0.0
0.0185	0.0	0.0186	0.0	0.0186	0.0	0.0186	0.0	0.0187	0.0
0.0187	0.0	0.0187	0.0	0.0188	0.0	0.0188	0.0	0.0188	0.0
0.0189	0.0	0.0189	0.0	0.0189	0.0	0.0190	0.0	0.0190	0.0
0.0190	0.0	0.0191	0.0	0.0191	0.0	0.0191	0.0	0.0192	0.0
0.0192	0.0	0.0192	0.0	0.0193	0.0	0.0193	0.0	0.0194	0.0
0.0194	0.0	0.0194	0.0	0.0195	0.0	0.0195	0.0	0.0195	0.0
0.0196	0.0	0.0196	0.0	0.0197	0.0	0.0197	0.0	0.0197	0.0
0.0198	0.0	0.0198	0.0	0.0198	0.0	0.0199	0.0	0.0199	0.0
0.0200	0.0	0.0200	0.0	0.0200	0.0	0.0201	0.0	0.0201	0.0
0.0202	0.0	0.0202	0.0	0.0202	0.0	0.0203	0.0	0.0203	0.0
0.0204	0.0	0.0204	0.0	0.0204	0.0	0.0205	0.0	0.0205	0.0
0.0206	0.0	0.0206	0.0	0.0206	0.0	0.0207	0.0	0.0207	0.0
0.0208	0.0	0.0208	0.0	0.0209	0.0	0.0209	0.0	0.0209	0.0
0.0210	0.0	0.0210	0.0	0.0211	0.0	0.0211	0.0	0.0212	0.0
0.0212	0.0	0.0212	0.0	0.0213	0.0	0.0213	0.0	0.0214	0.0
0.0214	0.0	0.0215	0.0	0.0215	0.0	0.0216	0.0	0.0216	0.0
0.0216	0.0	0.0217	0.0	0.0217	0.0	0.0218	0.0	0.0218	0.0
0.0219	0.0	0.0219	0.0	0.0220	0.0	0.0220	0.0	0.0221	0.0
0.0221	0.0	0.0222	0.0	0.0222	0.0	0.0223	0.0	0.0223	0.0
0.0224	0.0	0.0224	0.0	0.0225	0.0	0.0225	0.0	0.0226	0.0
0.0226	0.0	0.0227	0.0	0.0227	0.0	0.0228	0.0	0.0228	0.0
0.0229	0.0	0.0229	0.0	0.0230	0.0	0.0230	0.0	0.0231	0.0
0.0231	0.0	0.0232	0.0	0.0232	0.0	0.0233	0.0	0.0233	0.0
0.0234	0.0	0.0234	0.0	0.0235	0.0	0.0235	0.0	0.0236	0.0
0.0236	0.0	0.0237	0.0	0.0238	0.0	0.0238	0.0	0.0239	0.0
0.0239	0.0	0.0240	0.0	0.0240	0.0	0.0241	0.0	0.0242	0.0

** TRANSFER FUNCTION (GAIN) **

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PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)
0.0242	0.0	0.0243	0.0	0.0243	0.0	0.0244	0.0	0.0244	0.0
0.0245	0.0	0.0246	0.0	0.0246	0.0	0.0247	0.0	0.0247	0.0
0.0248	0.0	0.0249	0.0	0.0249	0.0	0.0250	0.0	0.0250	0.0
0.0251	0.0	0.0252	0.0	0.0252	0.0	0.0253	0.0	0.0253	0.0
0.0254	0.0	0.0255	0.0	0.0255	0.0	0.0256	0.0	0.0257	0.0
0.0257	0.0	0.0258	0.0	0.0259	0.0	0.0259	0.0	0.0260	0.0
0.0261	0.0	0.0261	0.0	0.0262	0.0	0.0263	0.0	0.0263	0.0
0.0264	0.0	0.0265	0.0	0.0265	0.0	0.0266	0.0	0.0267	0.0
0.0267	0.0	0.0268	0.0	0.0269	0.0	0.0269	0.0	0.0270	0.0
0.0271	0.0	0.0272	0.0	0.0272	0.0	0.0273	0.0	0.0274	0.0
0.0275	0.0	0.0275	0.0	0.0276	0.0	0.0277	0.0	0.0278	0.0
0.0278	0.0	0.0279	0.0	0.0280	0.0	0.0281	0.0	0.0281	0.0
0.0282	0.0	0.0283	0.0	0.0284	0.0	0.0284	0.0	0.0285	0.0
0.0286	0.0	0.0287	0.0	0.0288	0.0	0.0288	0.0	0.0289	0.0
0.0290	0.0	0.0291	0.0	0.0292	0.0	0.0293	0.0	0.0293	0.0
0.0294	0.0	0.0295	0.0	0.0296	0.0	0.0297	0.0	0.0298	0.0
0.0299	0.0	0.0299	0.0	0.0300	0.0	0.0301	0.0	0.0302	0.0
0.0303	0.0	0.0304	0.0	0.0305	0.0	0.0306	0.0	0.0307	0.0
0.0308	0.0	0.0308	0.0	0.0309	0.0	0.0310	0.0	0.0311	0.0
0.0312	0.0	0.0313	0.0	0.0314	0.0	0.0315	0.0	0.0316	0.0
0.0317	0.0	0.0318	0.0	0.0319	0.0	0.0320	0.0	0.0321	0.0
0.0322	0.0	0.0323	0.0	0.0324	0.0	0.0325	0.0	0.0326	0.0
0.0327	0.0	0.0328	0.0	0.0329	0.0	0.0330	0.0	0.0331	0.0
0.0332	0.0	0.0334	0.0	0.0335	0.0	0.0336	0.0	0.0337	0.0
0.0338	0.0	0.0339	0.0	0.0340	0.0	0.0341	0.0	0.0342	0.0
0.0344	0.0	0.0345	0.0	0.0346	0.0	0.0347	0.0	0.0348	0.0
0.0349	0.0	0.0351	0.0	0.0352	0.0	0.0353	0.0	0.0354	0.0
0.0356	0.0	0.0357	0.0	0.0358	0.0	0.0359	0.0	0.0361	0.0
0.0362	0.0	0.0363	0.0	0.0364	0.0	0.0366	0.0	0.0367	0.0
0.0368	0.0	0.0370	0.0	0.0371	0.0	0.0372	0.0	0.0374	0.0
0.0375	0.0	0.0376	0.0	0.0378	0.0	0.0379	0.0	0.0381	0.0
0.0382	0.0	0.0384	0.0	0.0385	0.0	0.0386	0.0	0.0388	0.0
0.0389	0.0	0.0391	0.0	0.0392	0.0	0.0394	0.0	0.0395	0.0
0.0397	0.0	0.0398	0.0	0.0400	0.0	0.0402	0.0	0.0403	0.0
0.0405	0.0	0.0406	0.0	0.0408	0.0	0.0410	0.0	0.0411	0.0
0.0413	0.0	0.0415	0.0	0.0416	0.0	0.0418	0.0	0.0420	0.0
0.0421	0.0	0.0423	0.0	0.0425	0.0	0.0427	0.0	0.0428	0.0
0.0430	0.0	0.0432	0.0	0.0434	0.0	0.0436	0.0	0.0438	0.0
0.0439	0.0	0.0441	0.0	0.0443	0.0	0.0445	0.0	0.0447	0.0
0.0449	0.0	0.0451	0.0	0.0453	0.0	0.0455	0.0	0.0457	0.0
0.0459	0.0	0.0461	0.0	0.0463	0.0	0.0465	0.0	0.0468	0.0
0.0470	0.0	0.0472	0.0	0.0474	0.0	0.0476	0.0	0.0479	0.0
0.0481	0.0	0.0483	0.0	0.0485	0.0	0.0488	0.0	0.0490	0.0
0.0492	0.0	0.0495	0.0	0.0497	0.0	0.0500	0.0	0.0502	3.8957
0.0504	5.9716	0.0507	4.4269	0.0509	4.9803	0.0512	6.6172	0.0515	4.9977
0.0517	6.2468	0.0520	7.7791	0.0522	3.6508	0.0525	10.8132	0.0528	5.6788
0.0531	8.2131	0.0533	10.2689	0.0536	4.9930	0.0539	11.1670	0.0542	6.7857
0.0545	6.6509	0.0549	8.4161	0.0551	4.4420	0.0554	1.4440	0.0557	0.2696
0.0560	6.0590	0.0563	7.2684	0.0566	7.0429	0.0569	6.1712	0.0572	0.3564
0.0575	13.7218	0.0579	14.1803	0.0582	15.5004	0.0585	16.6258	0.0589	21.5330
0.0592	14.0292	0.0595	14.4585	0.0599	17.6341	0.0602	16.7411	0.0606	15.5716
0.0610	17.7819	0.0613	18.7207	0.0617	16.5142	0.0621	17.1941	0.0624	17.7728
0.0628	13.8566	0.0632	12.2146	0.0636	16.7306	0.0640	13.7957	0.0644	12.5850
0.0648	12.7648	0.0652	13.9610	0.0656	16.2429	0.0661	14.1437	0.0665	15.2991
0.0669	10.5306	0.0674	15.3494	0.0678	15.4800	0.0683	16.3087	0.0687	15.2118
0.0692	13.6278	0.0697	16.1052	0.0701	16.3805	0.0706	7.4340	0.0711	13.9309
0.0716	12.1678	0.0721	22.7322	0.0726	16.0613	0.0731	11.6370	0.0737	13.6273
0.0742	16.8594	0.0747	15.0316	0.0753	9.6690	0.0759	10.3699	0.0764	3.8414
0.0770	0.5325	0.0776	2.2628	0.0782	8.8713	0.0788	9.7688	0.0794	10.3892
0.0800	13.8775	0.0806	12.2751	0.0813	11.4198	0.0819	11.7437	0.0826	11.9903

** TRANSFER FUNCTION (GAIN) **

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PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)	PERIOD(SEC)	(GAIN)
0.0833	12.1076	0.0839	11.0773	0.0846	9.4478	0.0853	9.9868	0.0861	9.2620
0.0868	7.9405	0.0875	7.8230	0.0883	7.9682	0.0890	7.3178	0.0898	6.3131
0.0906	6.7673	0.0914	6.4227	0.0923	5.9838	0.0931	5.5620	0.0939	4.0380
0.0948	6.1321	0.0957	4.6343	0.0966	4.4119	0.0975	4.9266	0.0985	4.0960
0.0994	3.9480	0.1004	4.8350	0.1014	3.1211	0.1024	1.9130	0.1034	3.2812
0.1045	3.5384	0.1056	3.5419	0.1067	2.9967	0.1078	3.3091	0.1089	2.7185
0.1101	2.9670	0.1113	3.2684	0.1125	2.1479	0.1138	2.8044	0.1151	3.0182
0.1164	2.2358	0.1177	2.5723	0.1191	2.6498	0.1205	2.1098	0.1219	2.5036
0.1234	2.1582	0.1249	2.1653	0.1264	2.4530	0.1280	1.7288	0.1296	2.4156
0.1313	1.6845	0.1330	2.0736	0.1347	2.1041	0.1365	1.8057	0.1384	2.0107
0.1403	1.9654	0.1422	2.7278	0.1442	2.1878	0.1463	1.8499	0.1484	1.4980
0.1506	1.4534	0.1528	1.9511	0.1552	1.7486	0.1575	1.5152	0.1600	1.5388
0.1625	1.5464	0.1652	1.4191	0.1679	1.6601	0.1707	1.2734	0.1736	1.5006
0.1766	1.6573	0.1796	1.4020	0.1829	1.5140	0.1862	1.2292	0.1896	1.4528
0.1932	1.3802	0.1969	1.2081	0.2008	1.4258	0.2048	1.2623	0.2090	1.2253
0.2133	1.5074	0.2179	1.1076	0.2226	1.3939	0.2276	1.1755	0.2327	1.2192
0.2381	1.2714	0.2438	1.1159	0.2498	1.2449	0.2560	1.3032	0.2626	1.2966
0.2695	1.1545	0.2765	1.1095	0.2844	1.1998	0.2926	1.0872	0.3012	1.1326
0.3103	1.1687	0.3200	0.9582	0.3303	1.0944	0.3413	1.0326	0.3531	1.1501
0.3657	1.0974	0.3793	0.8843	0.3938	0.8312	0.4096	1.0904	0.4267	1.1182
0.4452	0.9929	0.4655	1.0669	0.4876	1.1017	0.5120	0.8721	0.5389	1.1731
0.5689	0.9655	0.6024	1.0184	0.6400	1.1404	0.6827	0.9955	0.7314	0.8556
0.7877	1.0691	0.8533	1.1409	0.9309	1.0651	1.0240	0.9528	1.1378	0.9479
1.2800	1.0893	1.4629	0.9628	1.7067	0.9712	2.0480	1.2141	2.5600	0.8440
3.4133	1.2849	5.1200	0.4769	10.2400	1.2316				

* TRANSFER FUNCTION (GAIN) END *

** TRANSFER FUNCTION (PHASE) **

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PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)
0.0100	-346.0599	0.0100	75.1388	0.0100	-65.4669	0.0100	-82.9609	0.0100	-83.0863
0.0101	-98.8109	0.0101	-114.4103	0.0101	-66.3670	0.0101	-33.8229	0.0101	-8.1009
0.0101	20.8565	0.0101	72.4825	0.0101	-160.9553	0.0101	-23.7149	0.0101	17.9863
0.0102	49.8956	0.0102	70.7774	0.0102	59.8434	0.0102	44.8795	0.0102	52.2543
0.0102	67.5245	0.0102	96.8735	0.0102	82.1562	0.0102	45.9502	0.0103	2.2723
0.0103	-58.8896	0.0103	-133.8610	0.0103	-298.4735	0.0103	-45.9497	0.0103	-74.4065
0.0103	-81.0120	0.0103	-89.8826	0.0103	-296.4005	0.0103	-74.6629	0.0104	-45.7729
0.0104	-27.9397	0.0104	-8.2910	0.0104	4.2293	0.0104	8.9362	0.0104	39.5070
0.0104	63.2993	0.0104	89.5795	0.0104	74.0604	0.0104	59.7175	0.0105	72.4801
0.0105	125.7325	0.0105	118.1273	0.0105	126.7582	0.0105	58.7182	0.0105	37.8744
0.0105	36.6281	0.0105	-7.3346	0.0105	22.0155	0.0106	-23.6079	0.0106	-49.7752
0.0106	-59.5478	0.0106	-53.5503	0.0106	-150.1556	0.0106	-78.0388	0.0106	-59.4272
0.0106	-25.0412	0.0106	42.0877	0.0107	-94.1782	0.0107	-18.9845	0.0107	15.3280
0.0107	54.7909	0.0107	142.2215	0.0107	12.6302	0.0107	40.0513	0.0107	49.9161
0.0107	53.4662	0.0108	57.2253	0.0108	128.3324	0.0108	68.9072	0.0108	27.4220
0.0108	-29.4554	0.0108	-10.2599	0.0108	2.1624	0.0108	-59.1147	0.0108	-89.3793
0.0109	-88.8477	0.0109	-144.4048	0.0109	-81.0515	0.0109	-55.7526	0.0109	-41.2562
0.0109	-19.2197	0.0109	-30.5200	0.0109	-60.0699	0.0110	-32.8145	0.0110	-7.2756
0.0110	30.5333	0.0110	127.5384	0.0110	41.3661	0.0110	77.9408	0.0110	44.8357
0.0110	93.2198	0.0110	61.8951	0.0111	54.8423	0.0111	64.1949	0.0111	45.8937
0.0111	-28.3736	0.0111	857.2106	0.0111	39.1966	0.0111	-7.9068	0.0111	-37.6969
0.0112	-61.3184	0.0112	-197.6368	0.0112	-91.5504	0.0112	-127.2257	0.0112	-47.1089
0.0112	-14.9692	0.0112	-52.0742	0.0112	-81.8340	0.0113	-61.7348	0.0113	-14.4959
0.0113	6.2268	0.0113	19.7640	0.0113	60.2336	0.0113	44.6664	0.0113	63.6837
0.0113	205.4360	0.0114	85.3418	0.0114	155.7484	0.0114	60.5440	0.0114	14.6400
0.0114	-179.2959	0.0114	177.7864	0.0114	95.2726	0.0114	25.5103	0.0115	-34.5047
0.0115	-58.6106	0.0115	-98.2330	0.0115	-56.4295	0.0115	-51.6457	0.0115	-56.3611
0.0115	-47.8402	0.0115	-12.2401	0.0116	-37.8570	0.0116	-17.0787	0.0116	13.4501
0.0116	-25.0851	0.0116	-6.1030	0.0116	-21.9573	0.0116	12.3410	0.0116	35.0095
0.0117	64.8502	0.0117	108.4969	0.0117	58.1447	0.0117	60.0028	0.0117	46.3672
0.0117	13.1877	0.0117	-36.2215	0.0118	41.9845	0.0118	11.6460	0.0118	-46.7696
0.0118	-87.4097	0.0118	108.3397	0.0118	47.5355	0.0118	-43.7332	0.0119	-60.1328
0.0119	-72.6752	0.0119	-62.8018	0.0119	-53.8009	0.0119	-31.6618	0.0119	-1.1803
0.0119	17.9590	0.0119	31.5880	0.0120	29.0802	0.0120	27.7763	0.0120	62.3320
0.0120	83.2021	0.0120	137.3494	0.0120	46.2899	0.0120	66.8818	0.0121	85.1458
0.0121	61.3916	0.0121	62.9462	0.0121	55.4486	0.0121	13.0657	0.0121	-24.3366
0.0121	-60.3482	0.0122	-132.3289	0.0122	-95.8220	0.0122	-75.0759	0.0122	-63.1192
0.0122	-38.9559	0.0122	34.5377	0.0122	-125.5101	0.0123	-68.2961	0.0123	-47.3073
0.0123	-15.4985	0.0123	-20.1050	0.0123	-0.2481	0.0123	30.7301	0.0124	51.0912
0.0124	67.2693	0.0124	87.4370	0.0124	59.2387	0.0124	54.5956	0.0124	39.5833
0.0124	-76.8343	0.0125	-190.1949	0.0125	103.5971	0.0125	64.7877	0.0125	15.8855
0.0125	-41.0123	0.0125	-146.2897	0.0125	73.8347	0.0126	-33.2580	0.0126	-55.8907
0.0126	-64.5356	0.0126	-116.0933	0.0126	-78.9427	0.0126	-55.0827	0.0127	-41.0932
0.0127	-8.0943	0.0127	9.0762	0.0127	-15.5503	0.0127	23.9794	0.0127	28.9988
0.0128	16.8744	0.0128	-9.4760	0.0128	24.0434	0.0128	44.3707	0.0128	49.7573
0.0128	37.6108	0.0128	261.8761	0.0129	102.3474	0.0129	61.2545	0.0129	7.1236
0.0129	-53.9079	0.0129	-165.8088	0.0129	-106.5510	0.0130	-122.7934	0.0130	-78.0770
0.0130	-101.3386	0.0130	-99.1921	0.0130	-110.8340	0.0130	-55.5276	0.0131	-18.1582
0.0131	35.4042	0.0131	-64.7684	0.0131	-30.3399	0.0131	-8.4593	0.0131	24.0805
0.0132	89.6968	0.0132	57.2040	0.0132	44.2898	0.0132	32.6050	0.0132	47.7217
0.0132	70.6872	0.0133	313.4793	0.0133	107.1598	0.0133	73.4690	0.0133	85.2049
0.0133	61.4725	0.0134	-30.5118	0.0134	92.1336	0.0134	-14.0184	0.0134	-54.5773
0.0134	-85.5985	0.0134	-94.9417	0.0135	-74.7703	0.0135	-51.4795	0.0135	-40.4220
0.0135	-35.2764	0.0135	-92.0406	0.0135	-43.9775	0.0136	-3.9277	0.0136	23.3152
0.0136	57.8850	0.0136	846.2520	0.0136	-2.3609	0.0137	33.0375	0.0137	63.2025
0.0137	81.1302	0.0137	97.4931	0.0137	85.6112	0.0137	43.9453	0.0138	1.3611
0.0138	-145.9552	0.0138	173.5760	0.0138	50.9392	0.0138	-3.0204	0.0139	-43.9997
0.0139	-63.2568	0.0139	-232.4126	0.0139	-87.1665	0.0139	-82.9749	0.0140	-59.0591
0.0140	-37.3890	0.0140	-20.5282	0.0140	-50.3858	0.0140	-7.4396	0.0140	29.1786
0.0141	53.0637	0.0141	51.6840	0.0141	25.0010	0.0141	43.4007	0.0141	58.2794

** TRANSFER FUNCTION (PHASE) **

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PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)
0.0142	84.0959	0.0142	187.4166	0.0142	64.3562	0.0142	44.7690	0.0142	19.4488
0.0143	-16.0442	0.0143	-36.9744	0.0143	-38.3434	0.0143	-77.6265	0.0143	-267.3870
0.0144	-90.5835	0.0144	-124.8141	0.0144	-63.0853	0.0144	-51.2435	0.0144	-43.8179
0.0145	-100.0277	0.0145	-79.0465	0.0145	-41.5583	0.0145	-24.1098	0.0145	-1.1371
0.0146	35.0144	0.0146	11.2358	0.0146	13.4516	0.0146	26.5077	0.0146	49.6405
0.0147	43.1846	0.0147	-62.5580	0.0147	39.2745	0.0147	73.6548	0.0148	61.3984
0.0148	26.9902	0.0148	-68.0648	0.0148	-1754.5625	0.0148	64.2734	0.0149	-66.5544
0.0149	-127.8103	0.0149	-55.6806	0.0149	-48.3523	0.0149	-44.8834	0.0150	-37.5094
0.0150	-6.5876	0.0150	-91.9197	0.0150	-70.4689	0.0151	-44.3937	0.0151	-11.6061
0.0151	6.4872	0.0151	-11.1572	0.0151	-0.5733	0.0152	14.3087	0.0152	44.9941
0.0152	53.9625	0.0152	54.4111	0.0153	102.2162	0.0153	74.1352	0.0153	80.7632
0.0153	241.6041	0.0154	92.0054	0.0154	58.7190	0.0154	26.6648	0.0154	-26.7778
0.0154	22.5934	0.0155	46.2436	0.0155	-18.4426	0.0155	-53.5860	0.0155	-57.3969
0.0156	-41.5101	0.0156	-47.9059	0.0156	-61.6266	0.0156	-15.3900	0.0157	13.8874
0.0157	46.0186	0.0157	106.0877	0.0157	20.4603	0.0158	18.8181	0.0158	31.6259
0.0158	46.1598	0.0158	77.8995	0.0159	102.8388	0.0159	51.0599	0.0159	39.6828
0.0159	80.3621	0.0160	37.4112	0.0160	4.9242	0.0160	10.5694	0.0160	-26.8462
0.0161	-81.2490	0.0161	-135.5556	0.0161	305.5275	0.0161	-29.3115	0.0162	-78.5193
0.0162	145.1214	0.0162	-75.3943	0.0162	-91.1302	0.0163	-68.9920	0.0163	-48.6432
0.0163	-53.3041	0.0163	-145.7077	0.0164	-47.2559	0.0164	2.1676	0.0164	37.2929
0.0164	82.6998	0.0165	170.8429	0.0165	45.7259	0.0165	63.9426	0.0165	75.7342
0.0166	39.8442	0.0166	-61.7271	0.0166	120.9465	0.0167	22.8528	0.0167	-23.6614
0.0167	-43.0884	0.0167	-16.5769	0.0168	-31.3569	0.0168	-47.3526	0.0168	-67.1193
0.0168	-50.9319	0.0169	-69.4478	0.0169	-68.2778	0.0169	-42.7103	0.0170	-24.6035
0.0170	14.6781	0.0170	-384.3810	0.0170	-38.1233	0.0171	-52.4108	0.0171	-21.0322
0.0171	21.2960	0.0172	12.4720	0.0172	21.5969	0.0172	33.0006	0.0172	39.5938
0.0173	23.1040	0.0173	37.6311	0.0173	48.1921	0.0174	-4.8965	0.0174	-58.1576
0.0174	-11.3833	0.0174	-110.9308	0.0175	31.4519	0.0175	-46.9723	0.0175	-47.2487
0.0176	13.5722	0.0176	17.9778	0.0176	-43.5064	0.0177	-32.5618	0.0177	-19.8021
0.0177	-18.2283	0.0177	-5.6196	0.0178	14.4587	0.0178	20.9316	0.0178	22.7768
0.0179	48.2508	0.0179	124.5701	0.0179	41.5412	0.0180	65.5929	0.0180	164.1109
0.0180	82.1650	0.0181	74.2125	0.0181	86.4915	0.0181	46.0080	0.0182	6.9871
0.0182	-108.1811	0.0182	128.9797	0.0183	23.9965	0.0183	-33.5804	0.0183	-60.3609
0.0184	4.0790	0.0184	-474.7635	0.0184	-546.6479	0.0185	-115.1469	0.0185	-40.2602
0.0185	73.0404	0.0186	-370.9872	0.0186	-82.9655	0.0186	-13.6522	0.0187	47.5514
0.0187	-38.6168	0.0187	22.5175	0.0188	63.7247	0.0188	38.0951	0.0188	47.8022
0.0189	46.2636	0.0189	36.1040	0.0189	45.3547	0.0190	30.1489	0.0190	-26.3187
0.0190	-1574.0205	0.0191	83.2167	0.0191	20.7510	0.0191	-14.0766	0.0192	-23.5544
0.0192	-37.7169	0.0192	-81.4176	0.0193	-39.0286	0.0193	-31.9326	0.0194	-28.4972
0.0194	-20.1802	0.0194	-114.6168	0.0195	-28.1972	0.0195	4.8312	0.0195	39.5826
0.0196	2.0439	0.0196	29.9855	0.0197	47.9122	0.0197	23.4353	0.0197	54.2271
0.0198	251.6377	0.0198	53.8922	0.0198	53.7927	0.0199	47.0577	0.0199	116.7312
0.0200	43.2595	0.0200	-27.9417	0.0200	-325.6849	0.0201	38.3660	0.0201	-15.5112
0.0202	-34.7447	0.0202	-108.9863	0.0202	-26.1029	0.0203	-16.0317	0.0203	-11.2810
0.0204	-10.6603	0.0204	14.1290	0.0204	7.6110	0.0205	-7.8041	0.0205	29.4822
0.0206	51.0196	0.0206	33.1280	0.0206	58.7600	0.0207	86.8092	0.0207	-60.8055
0.0208	60.1671	0.0208	94.9953	0.0209	118.6771	0.0209	132.5882	0.0209	156.1472
0.0210	137.3276	0.0210	145.8616	0.0211	87.1181	0.0211	16.5939	0.0212	-167.4034
0.0212	46.8327	0.0212	-116.4175	0.0213	142.9504	0.0213	14.7285	0.0214	-21.7716
0.0214	2.3277	0.0215	124.6693	0.0215	-99.8513	0.0216	-43.1820	0.0216	-18.5111
0.0216	10.7804	0.0217	18.2600	0.0217	33.9092	0.0218	58.3592	0.0218	44.3712
0.0219	57.9630	0.0219	-108.3957	0.0220	28.7283	0.0220	34.8444	0.0221	22.1509
0.0221	91.7432	0.0222	31.7758	0.0222	-26.4503	0.0223	86.9834	0.0223	0.0279
0.0224	-75.6562	0.0224	61.7287	0.0225	-33.5952	0.0225	-59.6665	0.0226	-56.6444
0.0226	-56.6882	0.0227	-45.8517	0.0227	-19.4744	0.0228	53.7575	0.0228	-86.9236
0.0229	6.2145	0.0229	137.3690	0.0230	-46.8043	0.0230	6.1806	0.0231	36.5235
0.0231	-19.6488	0.0232	40.7819	0.0232	70.7221	0.0233	55.4645	0.0233	12.8659
0.0234	-37.7319	0.0234	-3.9374	0.0235	44.5303	0.0235	-8.3433	0.0236	-46.4069
0.0236	-77.7906	0.0237	-195.8892	0.0238	-52.8970	0.0238	-65.3101	0.0239	-4.2404
0.0239	-61.1199	0.0240	-43.3342	0.0240	34.9973	0.0241	-40.8940	0.0242	-13.8136

** TRANSFER FUNCTION (PHASE) **

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PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)
0.0242	-114.5624	0.0243	-43.4564	0.0243	-33.6124	0.0244	-37.0931	0.0244	6.1191
0.0245	77.7878	0.0246	-105.1602	0.0246	-6.3593	0.0247	35.8828	0.0247	97.3791
0.0248	10.4743	0.0249	0.0112	0.0249	12.3101	0.0250	-1.5181	0.0250	-45.1014
0.0251	186.5065	0.0252	-48.7009	0.0252	-175.6864	0.0253	-40.2592	0.0253	-44.7221
0.0254	-32.6017	0.0255	-82.8305	0.0255	-40.2309	0.0256	-22.8759	0.0257	-48.9660
0.0257	-34.1687	0.0258	-20.3764	0.0259	4.4648	0.0259	105.0046	0.0260	-25.3437
0.0261	6.9651	0.0261	719.8413	0.0262	-15.2710	0.0263	-2.6945	0.0263	-3.9158
0.0264	45.0346	0.0265	-52.4957	0.0265	-53.7010	0.0266	9.4703	0.0267	-34.4631
0.0267	-106.4261	0.0268	-6.1269	0.0269	-8.9694	0.0269	-56.1123	0.0270	-131.3224
0.0271	-165.8294	0.0272	-90.0048	0.0272	-120.4765	0.0273	-52.8891	0.0274	-124.1022
0.0275	-125.1943	0.0275	-62.0992	0.0276	-223.8399	0.0277	-86.3696	0.0278	-59.9694
0.0278	-222.7395	0.0279	-134.9681	0.0280	-120.0529	0.0281	-185.0606	0.0281	-128.1368
0.0282	-149.5785	0.0283	114.2661	0.0284	-107.9796	0.0284	-115.1379	0.0285	-135.0064
0.0286	-180.9435	0.0287	-533.3744	0.0288	-149.6403	0.0288	-169.1096	0.0289	30.9203
0.0290	-127.7909	0.0291	-61.4319	0.0292	-41.2598	0.0293	-102.9338	0.0293	12.0466
0.0294	-64.6774	0.0295	-71.2947	0.0296	-41.1412	0.0297	27.2526	0.0298	-154.7814
0.0299	6.6971	0.0299	47.7234	0.0300	71.9656	0.0301	118.1948	0.0302	67.9281
0.0303	-239.8979	0.0304	52.7065	0.0305	-4.2205	0.0306	-48.0126	0.0307	19.2313
0.0308	-11.5482	0.0308	-62.4462	0.0309	-45.3267	0.0310	-36.8723	0.0311	-50.4031
0.0312	-69.8651	0.0313	-63.5774	0.0314	-40.5423	0.0315	-35.2720	0.0316	-22.3614
0.0317	5.4742	0.0318	0.6850	0.0319	-12.7347	0.0320	7.7930	0.0321	26.8606
0.0322	83.1095	0.0323	94.4251	0.0324	52.7752	0.0325	19.1987	0.0326	-46.9492
0.0327	8.2799	0.0328	38.7203	0.0329	115.4090	0.0330	39.8619	0.0331	-12.0800
0.0332	253.0635	0.0334	-61.5516	0.0335	-14.7033	0.0336	35.7790	0.0337	-26.6125
0.0338	35.2508	0.0339	47.3211	0.0340	10.7480	0.0341	-20.4884	0.0342	-27.5945
0.0344	22.9587	0.0345	-28.5764	0.0346	-24.4497	0.0347	3.9332	0.0348	39.1765
0.0349	43.2427	0.0351	2.2156	0.0352	5.8927	0.0353	21.4159	0.0354	51.9927
0.0356	27.4995	0.0357	27.1270	0.0358	58.1741	0.0359	22.0193	0.0361	-4.2613
0.0362	640.4836	0.0363	27.7044	0.0364	-16.9304	0.0366	76.6023	0.0367	-1.8559
0.0368	-23.3719	0.0370	2.3030	0.0371	37.0943	0.0372	-35.3929	0.0374	-18.8494
0.0375	6.6781	0.0376	43.2148	0.0378	28.8665	0.0379	-67.3697	0.0381	74.4311
0.0382	66.8807	0.0384	-21.5039	0.0385	-20.4773	0.0386	21.0515	0.0388	23.2503
0.0389	-16.4225	0.0391	-1.9298	0.0392	37.9443	0.0394	-14.1796	0.0395	61.4655
0.0397	10.6632	0.0398	-36.2486	0.0400	57.3450	0.0402	-3.4975	0.0403	-60.1338
0.0405	-37.1908	0.0406	-54.3890	0.0408	-81.4641	0.0410	-48.9623	0.0411	-156.5660
0.0413	-21.7709	0.0415	0.9414	0.0416	73.3059	0.0418	-13.0553	0.0420	20.8559
0.0421	44.4444	0.0423	-47.0200	0.0425	63.5810	0.0427	-54.7856	0.0428	33.5880
0.0430	34.2230	0.0432	-12.3950	0.0434	43.6249	0.0436	43.9111	0.0438	642.7795
0.0439	-16.4528	0.0441	-7.5743	0.0443	94.0669	0.0445	-10.3449	0.0447	16.8739
0.0449	66.5567	0.0451	-3.0619	0.0453	40.2672	0.0455	39.8866	0.0457	2.6840
0.0459	52.0049	0.0461	-66.2979	0.0463	26.3016	0.0465	69.5103	0.0468	-4.1895
0.0470	53.1127	0.0472	78.5538	0.0474	-60.7284	0.0476	110.0062	0.0479	218.6934
0.0481	113.9155	0.0483	117.2656	0.0485	225.8423	0.0488	125.0155	0.0490	95.4503
0.0492	-12.7597	0.0495	131.9019	0.0497	78.9639	0.0500	288.3552	0.0502	92.2966
0.0504	141.3192	0.0507	193.1359	0.0509	128.6452	0.0512	206.0419	0.0515	252.1102
0.0517	144.2217	0.0520	384.4450	0.0522	276.3176	0.0525	773.6355	0.0528	363.1664
0.0531	300.6559	0.0533	596.9156	0.0536	362.9874	0.0539	588.1668	0.0542	801.4323
0.0545	488.0952	0.0548	1262.0204	0.0551	1109.9106	0.0554	1376.1257	0.0557	1132.7862
0.0560	1001.2926	0.0563	1368.8582	0.0566	1206.8842	0.0569	1180.0377	0.0572	681.5298
0.0575	788.6857	0.0579	873.6577	0.0582	890.3708	0.0585	965.3018	0.0589	1012.9811
0.0592	421.4280	0.0595	462.0022	0.0599	363.2830	0.0602	160.7724	0.0606	387.5170
0.0610	196.5102	0.0613	29.7805	0.0617	10.2618	0.0621	-4.3441	0.0624	94.5342
0.0628	-47.0111	0.0632	64.5856	0.0636	59.9244	0.0640	-141.9548	0.0644	-80.8420
0.0648	-18.0917	0.0652	13.2937	0.0656	260.2185	0.0661	-10.5493	0.0665	-149.2460
0.0669	-192.4443	0.0674	-117.8425	0.0678	-345.5437	0.0683	-134.3689	0.0687	-310.7242
0.0692	-324.9438	0.0697	-66.7240	0.0701	-649.0507	0.0706	-694.1645	0.0711	-820.6968
0.0716	-508.2559	0.0721	-235.7813	0.0726	-1123.7483	0.0731	-1026.1866	0.0737	-686.7220
0.0742	-996.0139	0.0747	-1348.2404	0.0753	-1404.4354	0.0759	-1375.8807	0.0764	-1700.8466
0.0770	-1542.2756	0.0776	-1519.3901	0.0782	-1485.0121	0.0788	-1204.4281	0.0794	-1122.0867
0.0800	-1045.4170	0.0806	-690.4962	0.0813	-675.4599	0.0819	-621.8637	0.0826	-549.0151

** TRANSFER FUNCTION (PHASE) **

PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)	PERIOD(SEC)	PHASE(DEG)
0.0833	-439.1680	0.0839	-248.2818	0.0846	-361.8227	0.0853	-276.2620	0.0861	-203.2942
0.0868	-172.0442	0.0875	-207.6206	0.0883	-167.8253	0.0890	-117.2502	0.0898	-112.7732
0.0906	-167.0265	0.0914	-46.3272	0.0923	-60.6058	0.0931	26.3179	0.0939	-80.7835
0.0948	-52.3012	0.0957	-40.5203	0.0966	-69.6113	0.0975	-47.9338	0.0985	-31.3287
0.0998	-56.9399	0.1004	-29.0358	0.1014	-28.1444	0.1024	143.5258	0.1034	-31.9018
0.1045	-40.0923	0.1056	-9.7827	0.1067	-26.9511	0.1078	-35.6753	0.1089	21.3802
0.1101	-34.7692	0.1113	-8.3209	0.1125	-4.7225	0.1138	-42.2433	0.1151	8.5318
0.1164	-12.3962	0.1177	-24.8585	0.1191	-0.6088	0.1205	-12.6059	0.1219	-19.0534
0.1234	6.8323	0.1249	-21.6022	0.1264	-0.4527	0.1280	-17.7806	0.1296	-11.6877
0.1313	-2.2497	0.1330	-16.4727	0.1347	11.7308	0.1365	-16.5547	0.1384	-7.4825
0.1403	7.2410	0.1422	82.2904	0.1442	3.3792	0.1463	14.1226	0.1484	33.3928
0.1506	24.3208	0.1528	-29.1709	0.1552	1.6870	0.1575	1.7777	0.1600	-14.0796
0.1625	6.4033	0.1652	-4.2465	0.1679	-15.9686	0.1707	-3.2052	0.1736	-9.8389
0.1766	29.7157	0.1796	-9.9590	0.1829	-1.5897	0.1862	9.0902	0.1896	-6.1206
0.1932	3.3404	0.1969	-3.6661	0.2008	-0.4318	0.2048	2.8889	0.2090	-5.0391
0.2133	4.5793	0.2179	-4.0273	0.2226	-0.1736	0.2276	1.6117	0.2327	-3.3842
0.2381	6.4441	0.2438	0.5863	0.2498	-4.5353	0.2560	9.9972	0.2626	-2.2391
0.2695	3.3728	0.2766	-3.2710	0.2844	0.3718	0.2926	1.5918	0.3012	-4.7529
0.3103	6.4324	0.3200	-7.8503	0.3303	14.5780	0.3413	-3.7765	0.3551	-1.9365
0.3657	5.7769	0.3793	-0.1642	0.3938	-7.0713	0.4096	-5.8403	0.4267	2.7255
0.4452	0.7691	0.4655	-2.0277	0.4876	2.2219	0.5120	1.4979	0.5389	-0.3977
0.5689	5.2594	0.6024	-7.4720	0.6400	1.9321	0.6827	8.4352	0.7314	-0.4149
0.7877	-7.0573	0.8593	3.0328	0.9369	9.6827	1.0240	4.7725	1.1378	-3.4636
1.2800	-0.0166	1.4629	2.6801	1.7067	-4.1762	2.0480	3.3148	2.5600	-12.2859
3.4133	0.1266	5.1200	-52.1662	10.2400	9.7841				

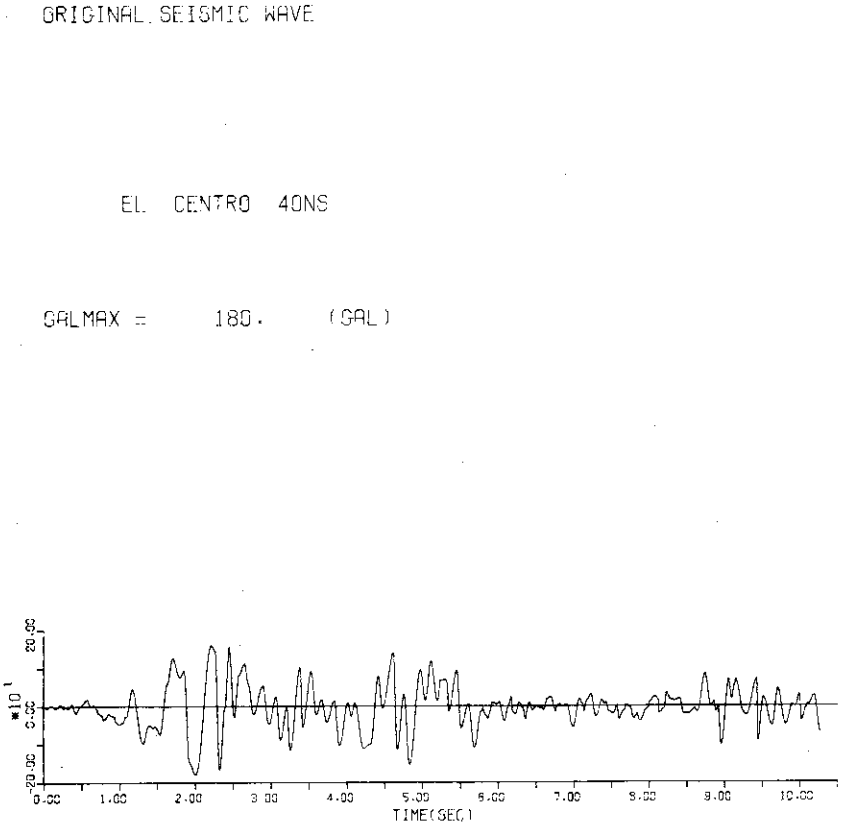
* TRANSFER FUNCTION (PHASE) END *

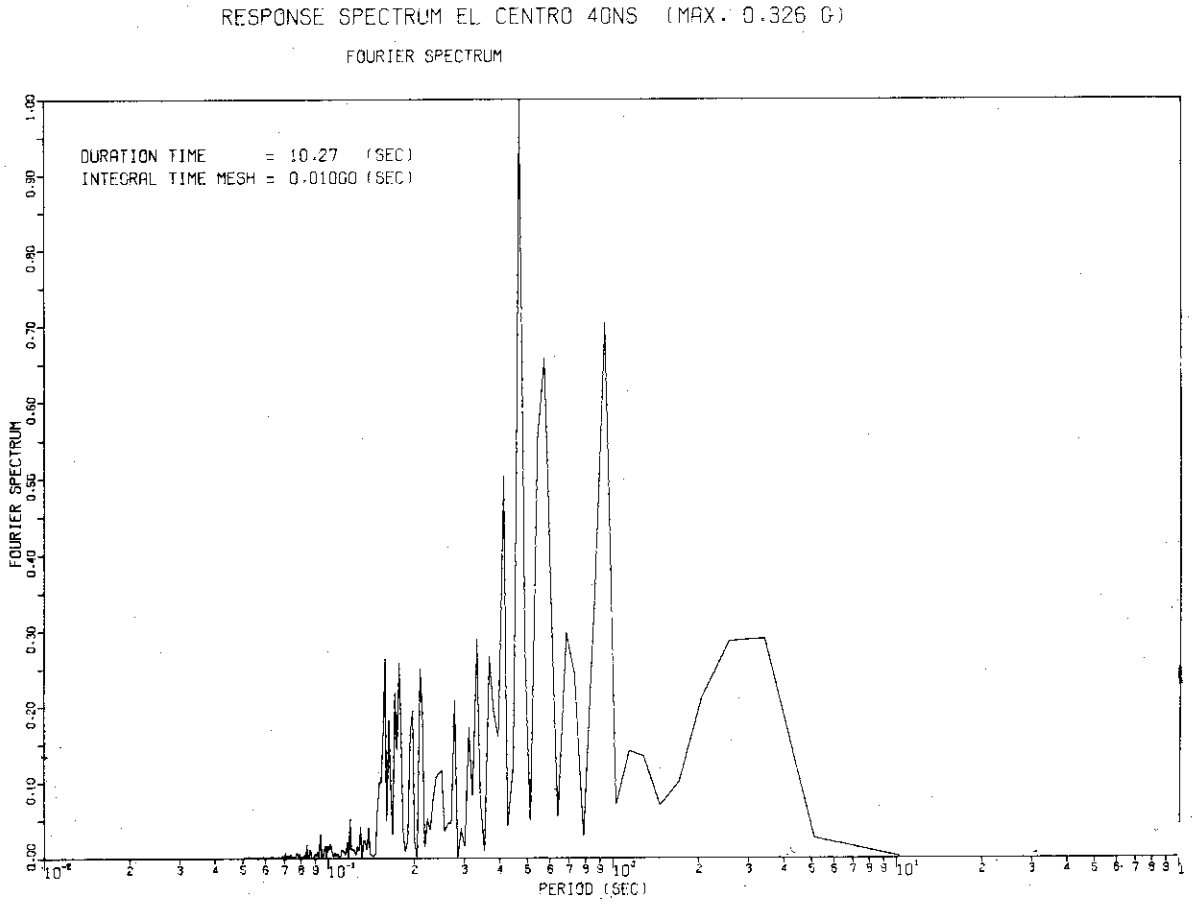
LAST CARD

JOB IS NORMALLY FINISHED.

* END OF FORTRAN * 77

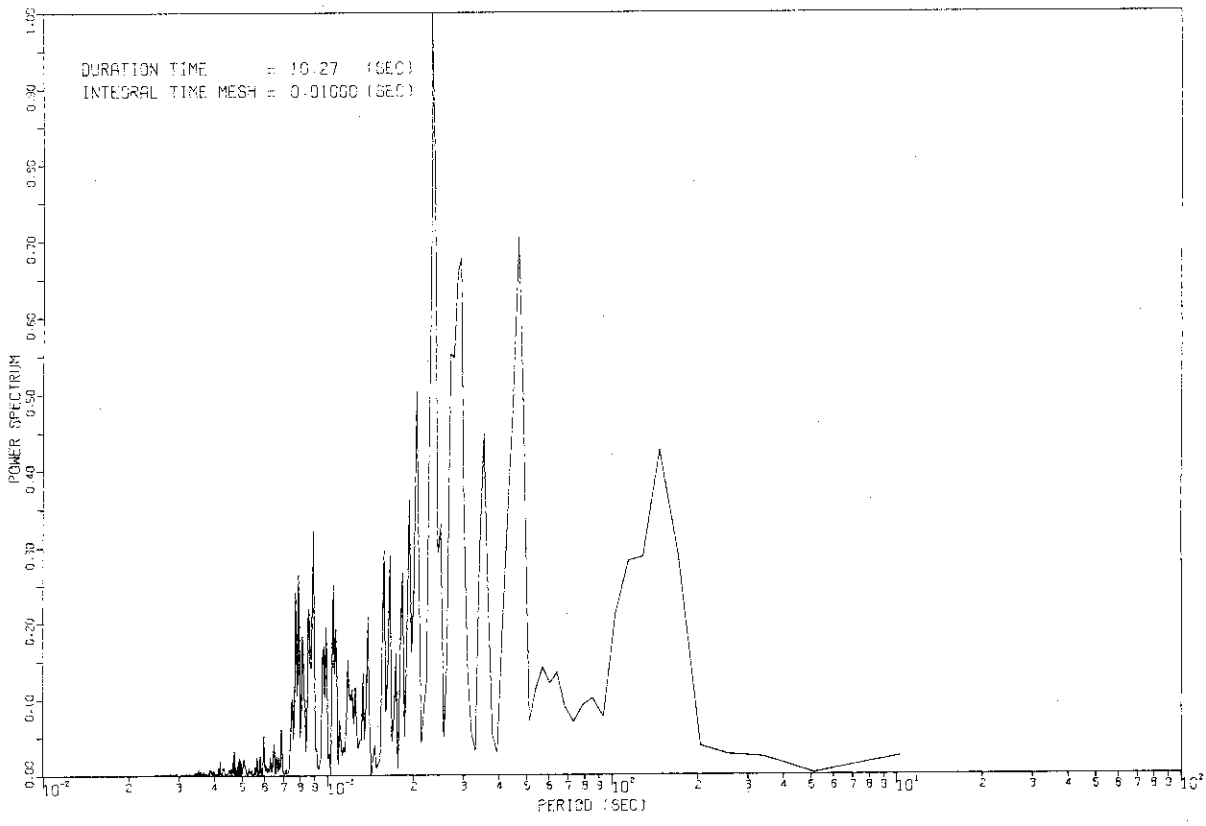
Fig 3.3 Spectrum and correlation of HTGR Container





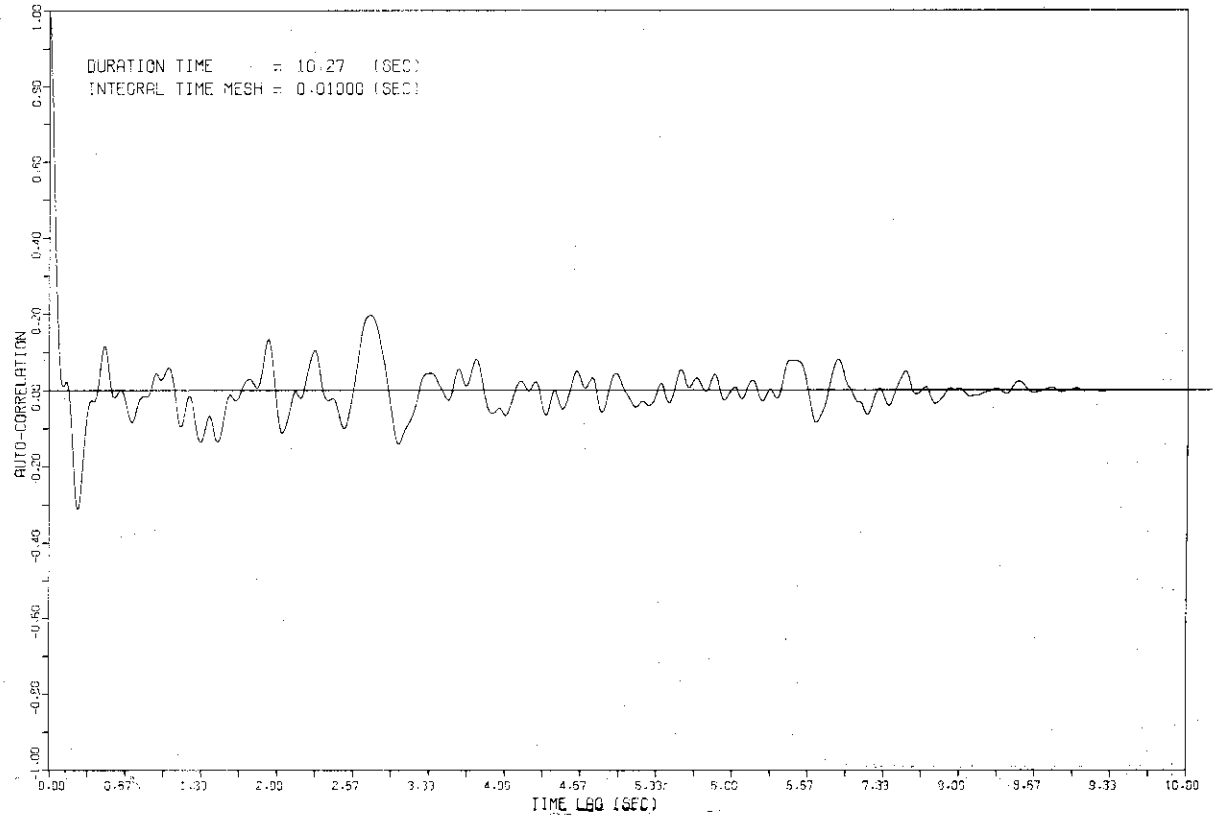
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

POWER SPECTRUM



RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

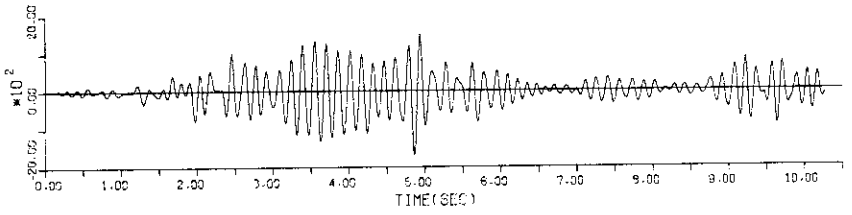
AUTO-CORRELATION FUNC.



ORIGINAL SEISMIC WAVE

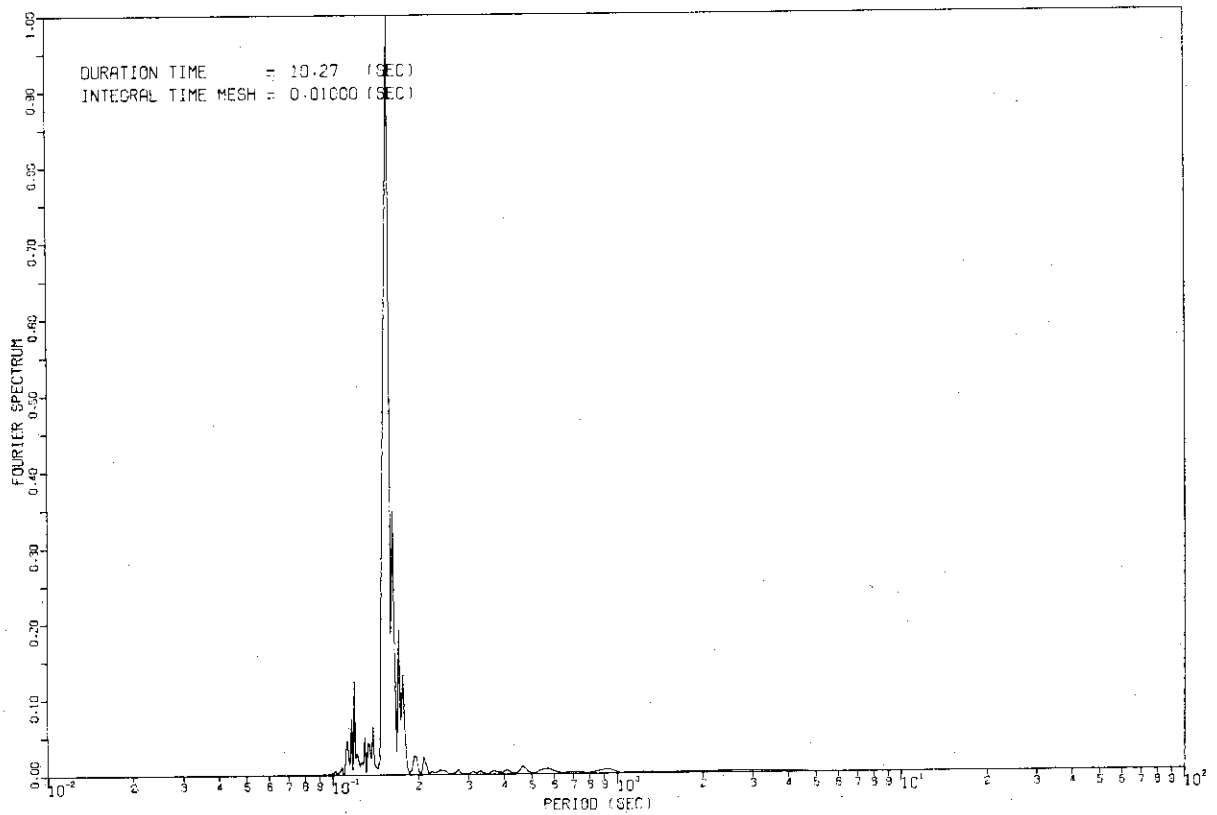
EL CENTRO 40NS

CALMAX = 1689. (GAL)



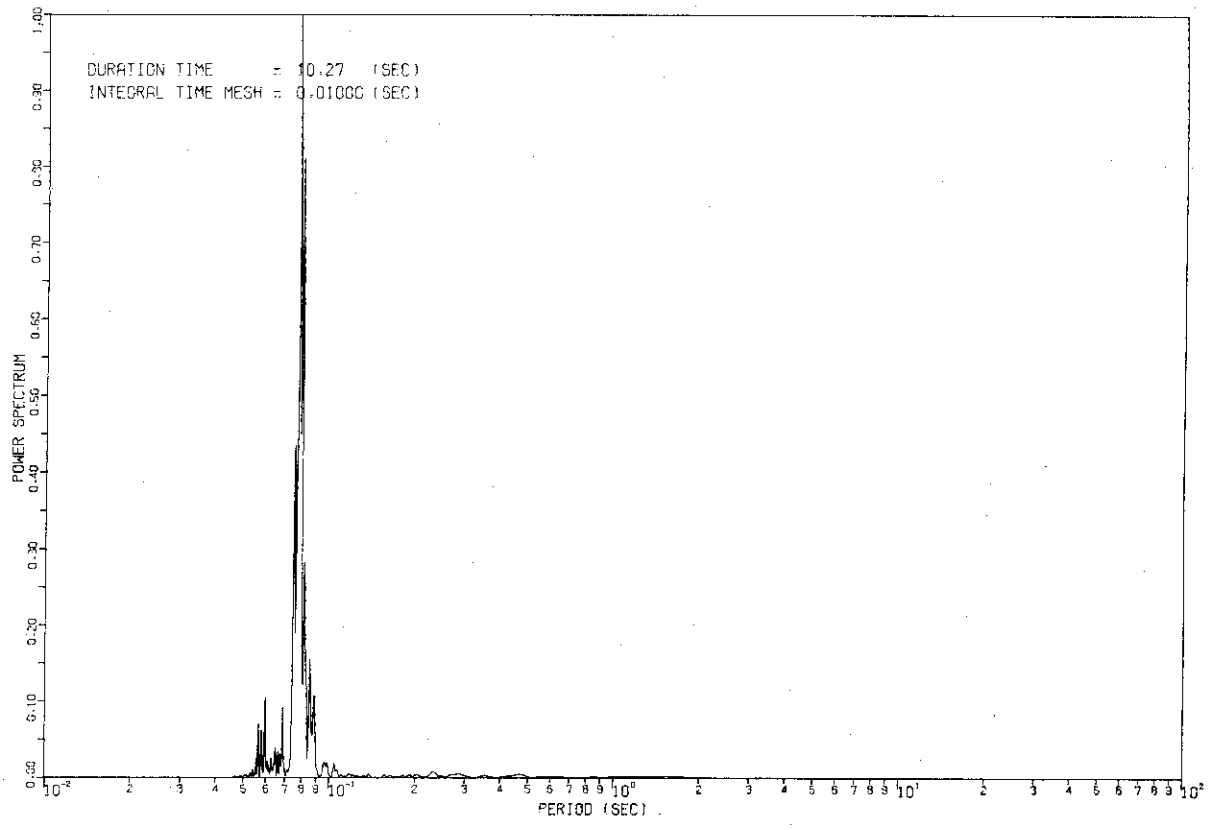
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

FOURIER SPECTRUM



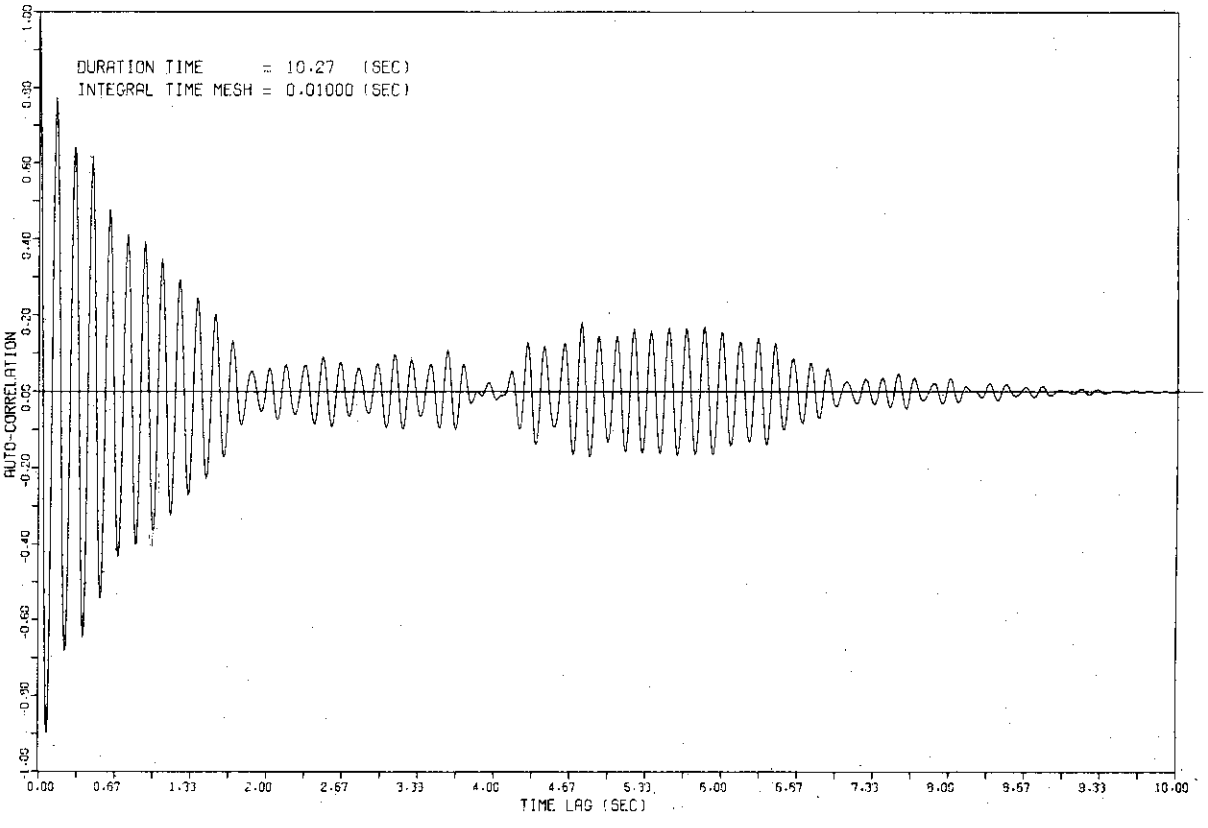
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

POWER SPECTRUM



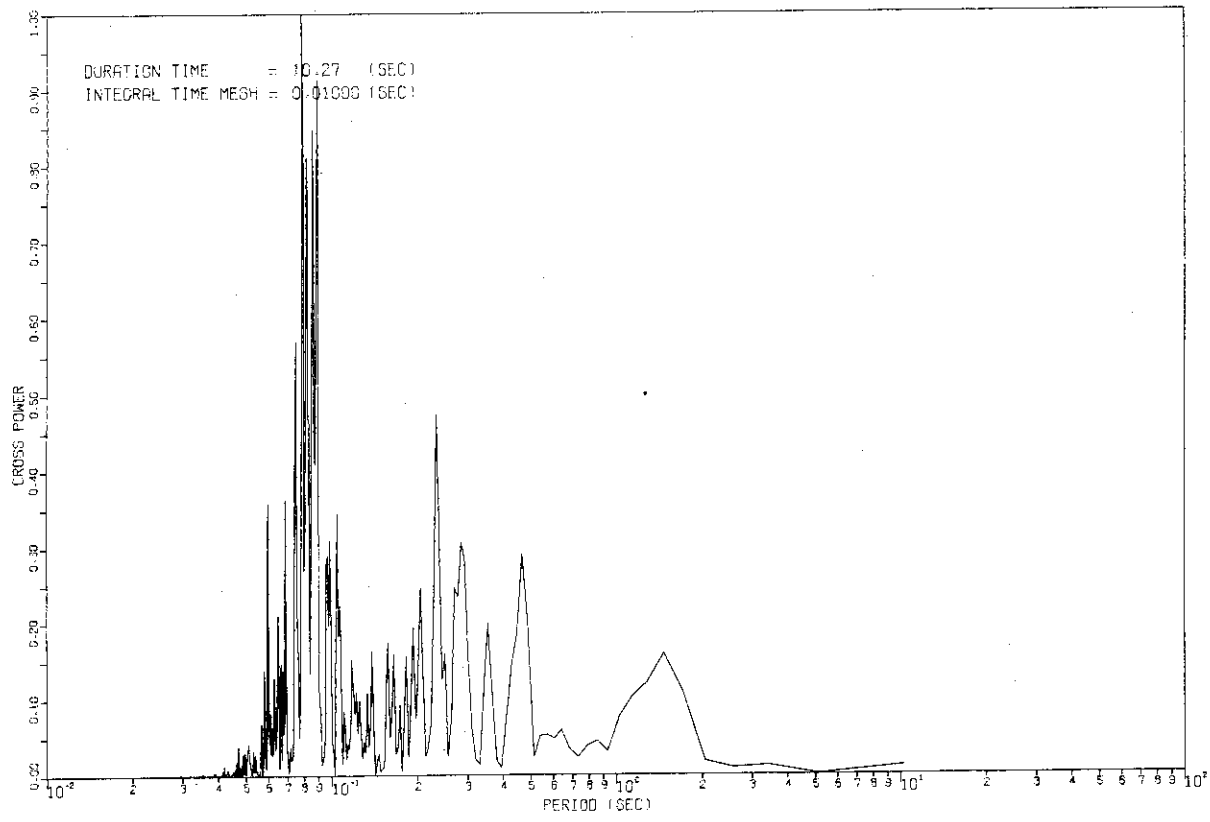
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

AUTO-CORRELATION FUNC.



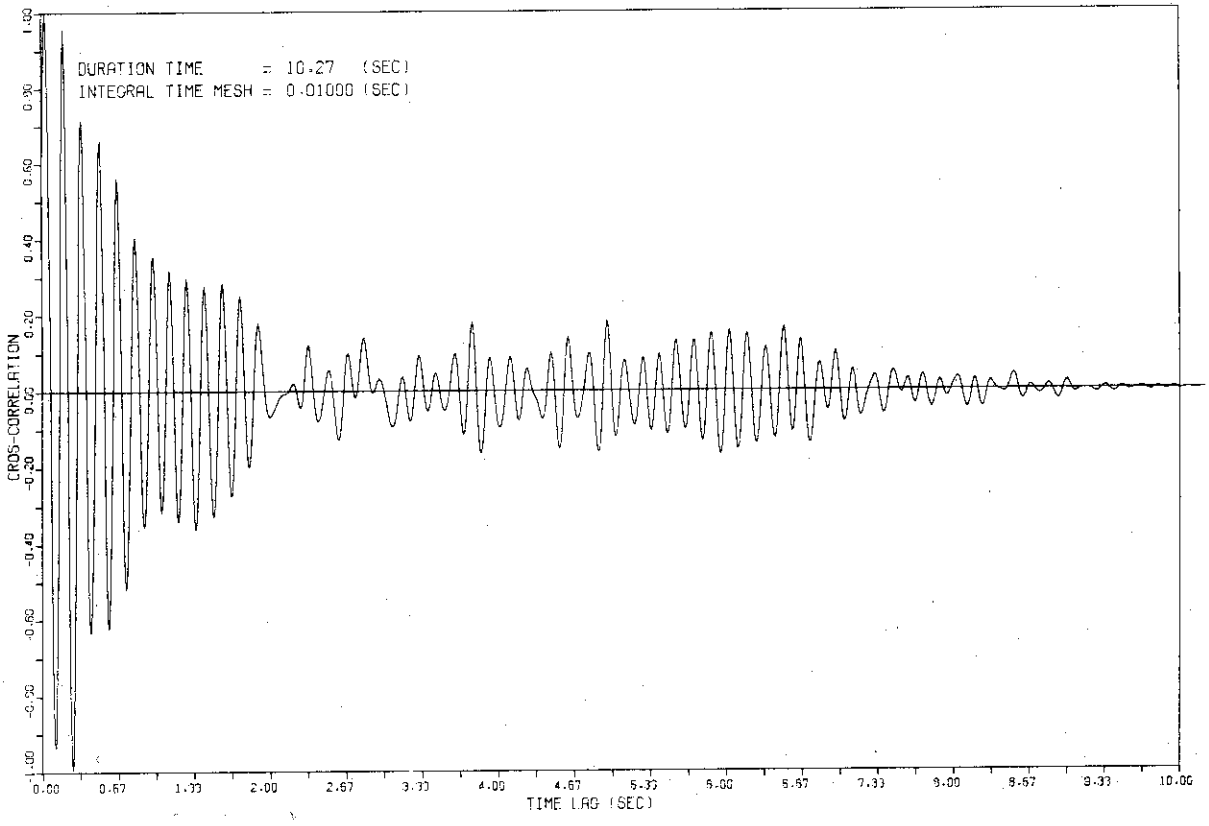
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

CROSS POWER SPECTRUM



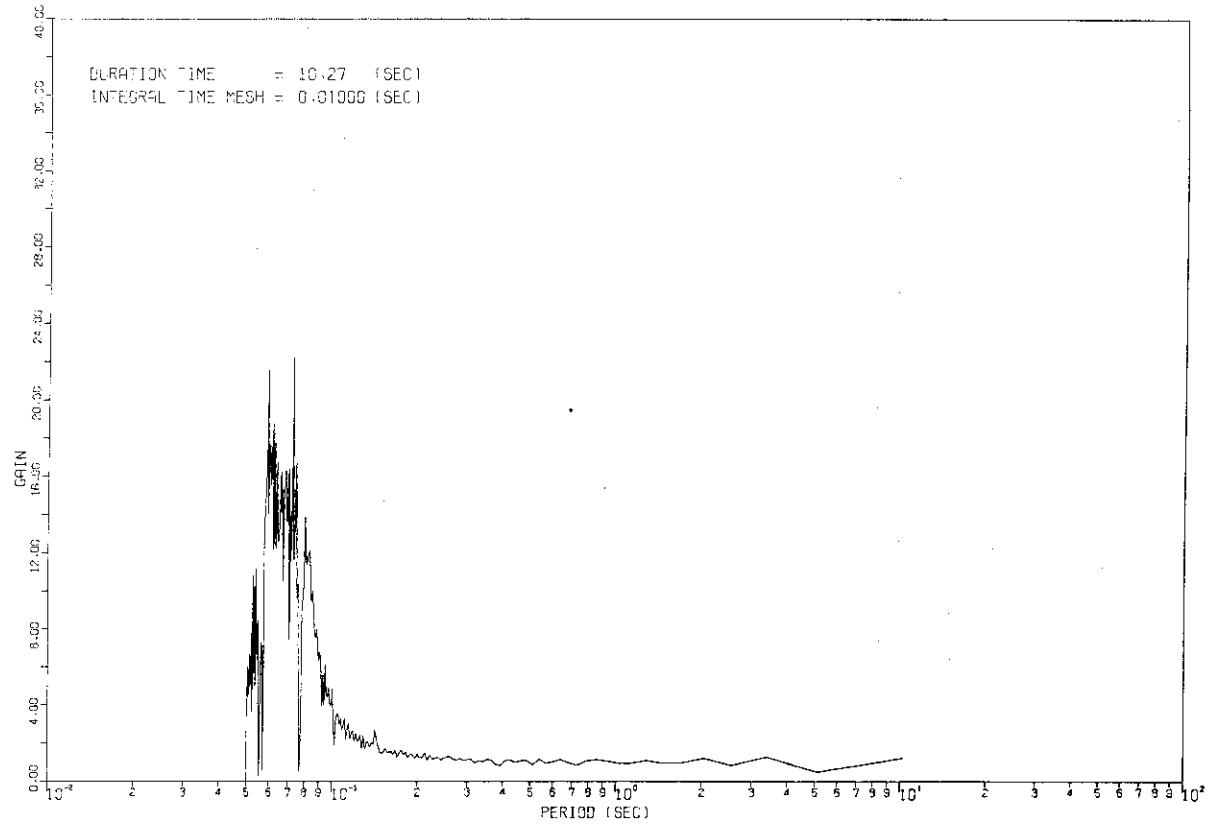
RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

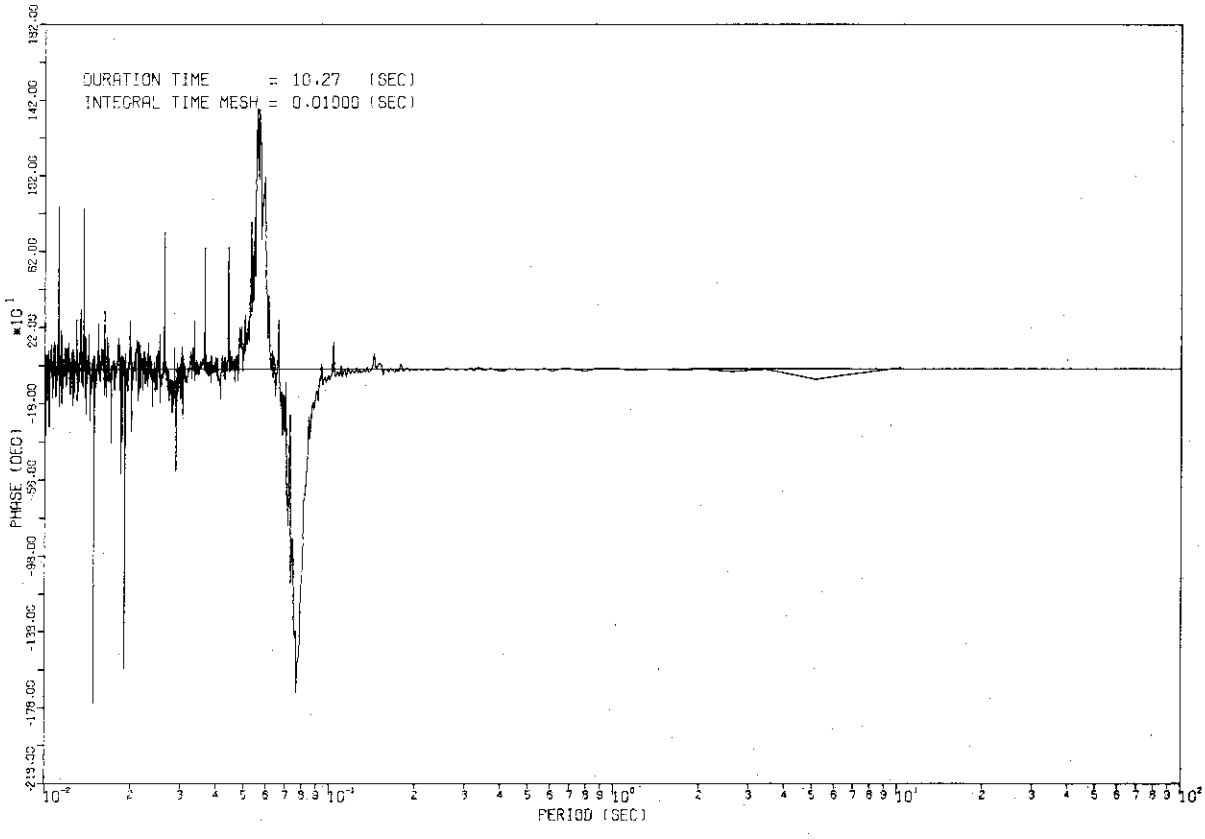
CROSS-CORRELATION FUNC.



RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

TRANSFER FUNCTION (GAIN)



RESPONSE SPECTRUM EL CENTRO 40NS (MAX. 0.326 G)

TRANSFER FUNCTION(PHASE)