
```

[y,Fs] = audioread('audio_sample.wav');
A = y;
p = 2*((Fs/2)/1000)+2+2; % Order of LPC analysis
Fr = 100;
% Frame rate
T_time = 2;
%Total time
Wt = 20/1000;
%Window time duration
F = Fr*T_time;
%Number of windows
Ovrlap_rat = F*Wt/T_time; % Overlap ratio=(No of windows*Window
    timeduration/Total time)
N = Fs*Wt;
% Samples per window
alphas = zeros(p+1,F);
Corref = zeros(p+1,F);
G = zeros(F);
disp("OUTPUT STARTS HERE")
disp("Total number of available Windows :- "+int2str(F-1));
disp("Order of LPC analysis required :- "+int2str(p));
disp("Samples per window :- "+int2str(N));
disp("Overlap percentage between consecutive windows :- "+num2str(100/
    Ovrlap_rat)+"%");
disp(' ');
for k = 1:F-1
    %For all windows
    q = (k-1)*(N/Ovrlap_rat)+(1:N);
    frame = A(q);
    corr = xcorr(frame);
    r = corr(N:N+p)/N;
    %Cross-correlation
    %Normalized correlation coefficients
    R = toeplitz(r(1:p));
    c = r(2:p+1);
    a = [1; -R\c];
    %LPC coefficient matrix
    disp("LPC coefficients for this window :- "+int2str(k));
    disp(a);
    alphas(:,k) = a;
    Error_MS = r(1);
    for t = 2:p+1
        Error_MS = Error_MS - a(t)*r(t);
    %Prediction error
    end
    G(k) = sqrt(Error_MS); %Gain
    disp(" Normalised Gain for this window is " + num2str(G(k)));
    end
    mean_coeff = mean(alphas,2);
    standard_deviation_coeff = std(alphas,0,2);
    r = 1:p+1;
    plot(r,mean_coeff(1:p+1));

```

```

axis([1 p+1 -2 2]);
title("Mean corresponding to each coefficient");
xlabel("Sample number(time)");
ylabel("Mean");
snapnow;
disp(mean_coeff);
plot(r,standard_deviation_coeff(1:p+1));
axis([1 p+1 0 1]);
title("Standard Deviation corresponding to each coefficient");
xlabel("Sample number(time)");
ylabel("Standard Deviation");
snapnow;
disp(standard_deviation_coeff);

```

OUTPUT STARTS HERE

Total number of available Windows :- 199

Order of LPC analysis required :- 20

Samples per window :- 320

Overlap percentage between consecutive windows :- 50%

LPC coefficients for this window :- 1

```

1.0000
-1.1562
0.2177
-0.0766
0.0434
-0.0462
0.0450
-0.0338
0.0315
-0.0368
0.0139
-0.0076
0.0016
0.0087
-0.0108
0.0108
-0.0173
0.0280
-0.0075
-0.0070
0.0023

```

Normalised Gain for this window is 0.079845

LPC coefficients for this window :- 2

```

1.0000
-1.0067
-0.0000
0.0146
0.0075
-0.0026
-0.0132
0.0055
-0.0097

```

0.0206
-0.0124
-0.0196
0.0056
0.0191
0.0183
-0.0240
-0.0016
0.0013
-0.0095
0.0024
0.0075

Normalised Gain for this window is 0.069545
LPC coefficients for this window :- 3

1.0000
-1.0100
0.0276
0.0008
0.0136
-0.0022
-0.0288
0.0126
-0.0179
-0.0086
0.0183
0.0034
-0.0052
-0.0045
0.0120
-0.0202
0.0178
-0.0075
0.0117
-0.0128
0.0044

Normalised Gain for this window is 0.054462
LPC coefficients for this window :- 4

1.0000
-1.0253
-0.0059
0.0152
0.0309
-0.0188
0.0053
0.0162
0.0081
-0.0148
-0.0037
0.0149
0.0008
-0.0226
-0.0030

0.0108
-0.0169
0.0090
0.0039
-0.0007
-0.0001

Normalised Gain for this window is 0.052243
LPC coefficients for this window :- 5

1.0000
-1.0132
0.0341
-0.0211
0.0306
0.0072
-0.0253
-0.0232
0.0147
-0.0069
-0.0100
0.0207
-0.0168
0.0059
-0.0046
0.0162
-0.0043
0.0096
0.0147
-0.0479
0.0229

Normalised Gain for this window is 0.05667
LPC coefficients for this window :- 6

1.0000
-1.0221
0.0076
0.0042
0.0114
0.0012
-0.0053
0.0244
0.0042
-0.0056
-0.0186
-0.0016
0.0088
-0.0138
-0.0042
0.0036
0.0053
0.0077
-0.0213
-0.0155
0.0337

Normalised Gain for this window is 0.05967
LPC coefficients for this window :- 7

1.0000
-1.0253
0.0150
-0.0001
0.0253
-0.0066
0.0095
0.0011
0.0207
-0.0380
-0.0088
0.0195
-0.0240
0.0019
0.0077
0.0059
-0.0024
-0.0068
-0.0108
-0.0060
0.0252

Normalised Gain for this window is 0.073821
LPC coefficients for this window :- 8

1.0000
-1.0274
0.0251
-0.0229
0.0242
0.0424
-0.0453
0.0089
-0.0069
-0.0105
0.0136
-0.0220
0.0182
-0.0200
0.0225
0.0031
-0.0082
0.0074
-0.0125
-0.0034
0.0165

Normalised Gain for this window is 0.069604
LPC coefficients for this window :- 9

1.0000
-1.0193
0.0154

-0.0050
0.0287
0.0093
-0.0274
-0.0127
0.0162
-0.0151
-0.0071
0.0227
0.0427
-0.0279
-0.0129
0.0078
-0.0049
-0.0030
0.0094
-0.0117
-0.0001

Normalised Gain for this window is 0.042598
LPC coefficients for this window :- 10

1.0000
-1.0152
-0.0127
0.0206
0.0315
-0.0137
0.0307
0.0107
-0.0184
-0.0256
-0.0135
-0.0028
0.0247
-0.0150
-0.0047
-0.0016
0.0225
-0.0159
-0.0241
0.0217
0.0072

Normalised Gain for this window is 0.027159
LPC coefficients for this window :- 11

1.0000
-1.0422
0.0325
-0.0296
0.1067
-0.0651
0.0371
-0.0295
0.0117

-0.0375
0.0208
-0.0220
0.0102
-0.0002
-0.0298
0.0185
-0.0133
0.0354
-0.0190
0.0089
0.0102

Normalised Gain for this window is 0.029962
LPC coefficients for this window :- 12

1.0000
-1.0180
0.0127
-0.0126
0.0627
-0.0404
0.0403
-0.0207
0.0144
-0.0329
0.0027
-0.0164
-0.0035
0.0066
0.0042
-0.0232
0.0155
0.0016
-0.0239
0.0301
0.0055

Normalised Gain for this window is 0.033054
LPC coefficients for this window :- 13

1.0000
-1.0811
0.0568
0.0276
0.0083
0.0250
-0.0032
0.0006
0.0224
-0.0218
0.0150
-0.0497
0.0146
-0.0303
-0.0115

0.0019
0.0253
0.0084
0.0013
0.0166
-0.0229

Normalised Gain for this window is 0.031457
LPC coefficients for this window :- 14

1.0000
-1.0687
0.0408
-0.0075
0.0954
-0.0156
0.0182
-0.0356
0.0044
-0.0042
0.0236
-0.0680
-0.0232
-0.0074
0.0598
0.0261
-0.0250
0.0065
-0.0986
0.0495
0.0350

Normalised Gain for this window is 0.024499
LPC coefficients for this window :- 15

1.0000
-1.0764
0.0711
-0.0060
0.0565
-0.0285
0.0391
-0.0527
0.0568
-0.0272
-0.0070
-0.0187
0.0118
-0.0012
0.0395
0.0059
0.0150
-0.0852
-0.0113
-0.0115
0.0542

Normalised Gain for this window is 0.0097924
LPC coefficients for this window :- 16

1.0000
-1.2629
0.2322
0.0089
0.1104
0.0074
-0.0192
-0.0358
0.0676
-0.1101
0.0987
-0.1185
0.0252
0.0538
-0.0617
0.0684
-0.0267
-0.0602
0.1763
-0.1652
0.0341

Normalised Gain for this window is 0.0059521
LPC coefficients for this window :- 17

1.0000
-1.1413
0.1140
0.0606
-0.0016
0.0396
0.0251
-0.0490
-0.0026
-0.0491
0.0116
-0.0407
0.0633
-0.0324
0.0157
-0.0272
-0.0242
0.0109
0.0118
-0.0015
0.0249

Normalised Gain for this window is 0.016238
LPC coefficients for this window :- 18

1.0000
-1.0986
0.1110

0.0061
0.0727
0.0138
-0.1106
0.0369
0.0144
-0.0881
0.0323
0.0120
-0.0190
0.0386
-0.0483
0.0069
0.0149
-0.0224
0.0171
-0.0628
0.0771

Normalised Gain for this window is 0.026562
LPC coefficients for this window :- 19

1.0000
-1.0616
0.0021
0.0670
0.0507
-0.0190
-0.0360
0.0371
-0.0507
0.0243
0.0284
-0.0469
0.0295
-0.0408
0.0216
-0.0391
-0.0197
0.0585
-0.0101
-0.0176
0.0252

Normalised Gain for this window is 0.026846
LPC coefficients for this window :- 20

1.0000
-1.0109
-0.0054
-0.0270
0.0955
-0.0303
0.0233
0.0150
-0.0134

-0.0501
0.0208
0.0037
-0.0324
-0.0171
0.0387
-0.0363
-0.0196
0.0312
0.0249
0.0055
-0.0057

Normalised Gain for this window is 0.017219
LPC coefficients for this window :- 21

1.0000
-1.2377
0.2111
0.0286
0.0283
0.0514
0.0424
-0.1117
0.0540
-0.0575
0.0521
-0.0290
0.0326
-0.1264
0.1302
0.0106
-0.0141
-0.0975
0.0641
0.0000
-0.0085

Normalised Gain for this window is 0.0069593
LPC coefficients for this window :- 22

1.0000
-1.2933
0.2583
-0.0108
0.1584
-0.1694
0.2775
-0.2018
0.0923
-0.1913
0.1509
-0.0752
0.0721
-0.1618
0.1924

-0.1356
0.0648
0.0077
-0.1364
0.1239
-0.0152

Normalised Gain for this window is 0.010664
LPC coefficients for this window :- 23

1.0000
-1.2402
0.1302
0.1162
0.1457
-0.2727
0.2403
-0.0229
-0.0335
-0.1383
0.2210
-0.1396
-0.0044
-0.0973
0.1886
-0.1845
0.0642
0.0396
-0.0208
-0.0847
0.0994

Normalised Gain for this window is 0.011702
LPC coefficients for this window :- 24

1.0000
-1.2463
0.2287
0.0255
0.1266
-0.1384
0.0925
-0.1214
0.1665
-0.1867
0.1833
-0.1742
0.0842
-0.0960
0.1626
-0.1648
0.0461
-0.0535
0.0919
-0.0452
0.0351

Normalised Gain for this window is 0.0072712
LPC coefficients for this window :- 25

1.0000
-1.1766
0.1350
0.0652
0.0655
-0.0476
0.0013
-0.0457
0.0318
0.0120
0.0083
-0.0318
-0.0064
-0.0568
0.1112
-0.0510
-0.0157
-0.0840
0.0387
0.0500
0.0022

Normalised Gain for this window is 0.014149
LPC coefficients for this window :- 26

1.0000
-1.1819
0.1378
0.0335
0.1104
-0.1131
0.1278
-0.1415
0.0768
-0.0484
-0.0028
-0.0194
0.0149
-0.1025
0.1673
-0.0320
-0.0332
-0.0418
0.0102
-0.0091
0.0495

Normalised Gain for this window is 0.020083
LPC coefficients for this window :- 27

1.0000
-1.1217
0.0902

-0.0184
0.1239
-0.0708
0.1097
-0.1253
0.0667
-0.0422
-0.0738
0.0658
0.0156
0.0686
-0.0928
-0.0592
0.0499
0.0120
-0.0171
0.0165
0.0072

Normalised Gain for this window is 0.015211
LPC coefficients for this window :- 28

1.0000
-1.0515
0.0554
-0.0191
0.0634
-0.0533
0.0161
-0.0403
0.0619
-0.0668
0.0226
0.0154
0.0387
-0.0505
0.0083
0.0196
-0.0287
0.0206
-0.0286
0.0004
0.0228

Normalised Gain for this window is 0.018513
LPC coefficients for this window :- 29

1.0000
-1.1898
0.0506
0.0959
0.2050
-0.2000
0.1128
-0.0855
0.0722

-0.1105
0.0692
-0.0668
0.0844
0.0215
-0.0987
-0.0668
0.1361
-0.0114
-0.0891
0.0052
0.0673

Normalised Gain for this window is 0.025203
LPC coefficients for this window :- 30

1.0000
-1.1148
0.0855
0.0279
0.0569
-0.0322
0.0259
0.0107
-0.0231
-0.0131
0.0130
-0.0555
0.0020
-0.0036
-0.0157
-0.0123
0.0271
0.0185
-0.0170
0.0113
0.0171

Normalised Gain for this window is 0.019882
LPC coefficients for this window :- 31

1.0000
-1.1694
0.1505
-0.0207
0.0597
0.0749
-0.0291
-0.0114
0.0034
-0.0229
-0.0122
-0.0807
-0.0094
0.0616
0.0069

0.0014
-0.0280
-0.0384
0.0449
0.0096
0.0171

Normalised Gain for this window is 0.017867
LPC coefficients for this window :- 32

1.0000
-1.0543
0.0093
-0.0140
0.0599
0.0138
0.0409
-0.0281
-0.0123
-0.0077
-0.0265
-0.0110
0.0404
0.0066
-0.0125
-0.0080
0.0190
-0.0198
0.0192
-0.0263
0.0231

Normalised Gain for this window is 0.022197
LPC coefficients for this window :- 33

1.0000
-1.0846
0.0429
0.0586
-0.0196
0.0357
0.0391
-0.0600
0.0251
-0.0367
0.0347
-0.0520
0.0255
-0.0174
-0.0160
0.0469
-0.0273
-0.0137
0.0273
-0.0157
0.0108

Normalised Gain for this window is 0.037448
LPC coefficients for this window :- 34

1.0000
-1.0231
0.0115
0.0207
-0.0119
0.0326
0.0235
-0.0560
0.0137
0.0057
-0.0008
-0.0060
-0.0256
0.0075
-0.0012
0.0171
-0.0161
-0.0146
0.0307
-0.0118
0.0069

Normalised Gain for this window is 0.041829
LPC coefficients for this window :- 35

1.0000
-1.0082
-0.0142
0.0503
0.0029
-0.0008
0.0323
-0.0641
0.0196
-0.0571
0.0659
-0.0153
-0.0054
-0.0384
0.0303
0.0024
-0.0338
0.0240
-0.0301
0.0710
-0.0277

Normalised Gain for this window is 0.031756
LPC coefficients for this window :- 36

1.0000
-1.0761
0.0533

0.0041
0.0522
-0.0285
-0.0038
0.0146
0.0951
-0.1194
0.0322
-0.0121
-0.0566
0.0312
0.0031
0.0010
0.0118
-0.0154
0.0593
-0.0673
0.0274

Normalised Gain for this window is 0.022663
LPC coefficients for this window :- 37

1.0000
-1.1498
0.1042
0.0407
0.1458
-0.1518
0.0974
-0.0139
0.0262
-0.1104
0.0843
0.0034
-0.0243
-0.1499
0.1090
-0.0174
-0.0109
0.0162
0.0168
-0.0123
0.0016

Normalised Gain for this window is 0.012501
LPC coefficients for this window :- 38

1.0000
-1.2126
0.1960
-0.0031
0.1232
-0.0510
0.0212
-0.0288
0.0418

-0.0346
-0.0006
-0.0741
0.0482
-0.0118
0.0344
-0.0382
0.0070
-0.0143
0.0093
-0.0413
0.0369

Normalised Gain for this window is 0.011067
LPC coefficients for this window :- 39

1.0000
-1.1201
0.0733
0.0810
0.0825
-0.0575
0.0641
-0.1156
0.0650
-0.0693
0.0815
-0.0658
0.0249
-0.0077
0.0431
-0.0619
0.0486
-0.0980
-0.0049
0.0875
-0.0444

Normalised Gain for this window is 0.011597
LPC coefficients for this window :- 40

1.0000
-1.0435
0.0094
0.0011
0.0926
-0.0335
-0.0031
-0.0618
0.0496
-0.0376
0.0222
0.0075
0.0236
-0.0483
-0.0200

0.0193
0.0455
-0.0425
-0.0504
0.0540
0.0200

Normalised Gain for this window is 0.031565
LPC coefficients for this window :- 41

1.0000
-1.1689
0.1194
0.0487
0.0482
-0.1135
0.1511
-0.1885
0.1199
-0.0939
0.1069
-0.0882
0.0498
-0.0562
0.0492
-0.0777
0.1607
-0.0980
0.0206
-0.0636
0.0768

Normalised Gain for this window is 0.033093
LPC coefficients for this window :- 42

1.0000
-1.0396
0.0200
0.0300
0.0461
-0.0636
0.0076
-0.0011
-0.0201
0.0184
0.0465
-0.0572
0.0206
-0.0244
0.0488
-0.0668
0.0227
-0.0165
0.0176
-0.0016
0.0237

Normalised Gain for this window is 0.024114
LPC coefficients for this window :- 43

1.0000
-1.0732
0.0224
0.0532
0.0650
-0.0075
-0.0186
-0.0485
0.0356
-0.0766
0.0159
-0.0037
0.0005
0.0025
0.0107
0.0173
-0.0154
-0.0505
0.0189
0.0072
0.0471

Normalised Gain for this window is 0.033749
LPC coefficients for this window :- 44

1.0000
-1.0452
0.0306
-0.0203
0.0809
-0.0397
0.0308
-0.0313
0.0241
-0.0609
0.0296
0.0143
-0.0268
0.0497
-0.0180
-0.0326
0.0316
-0.0616
0.0170
-0.0081
0.0400

Normalised Gain for this window is 0.030091
LPC coefficients for this window :- 45

1.0000
-1.0949
0.0269

0.0655
0.0682
-0.0407
0.0796
-0.0771
0.0382
0.0109
-0.0448
-0.0129
-0.0420
0.0028
0.0314
-0.0034
-0.0274
0.0243
0.0161
-0.0285
0.0127

Normalised Gain for this window is 0.020819
LPC coefficients for this window :- 46

1.0000
-1.1192
0.0807
0.0297
0.0782
-0.0224
0.0489
-0.1019
0.0832
-0.0510
0.0141
-0.0748
0.1171
-0.0713
-0.0147
-0.0565
0.0532
0.0285
-0.0307
0.0095
0.0018

Normalised Gain for this window is 0.022916
LPC coefficients for this window :- 47

1.0000
-1.0781
0.0224
0.0318
0.1770
-0.1305
0.0572
-0.0893
0.0257

-0.0204
0.0642
-0.0377
-0.0186
0.0025
0.0293
-0.0557
-0.0050
-0.0124
-0.0457
0.0413
0.0452

Normalised Gain for this window is 0.021558
LPC coefficients for this window :- 48

1.0000
-1.0601
-0.0104
0.0520
0.1174
-0.0277
0.0349
-0.0475
-0.0093
-0.0679
0.0375
-0.0005
0.0394
-0.0794
0.0341
-0.0413
0.0195
0.0167
-0.0119
-0.0181
0.0274

Normalised Gain for this window is 0.018559
LPC coefficients for this window :- 49

1.0000
-1.0447
-0.0033
0.0520
0.0157
0.0137
0.0755
-0.0679
0.0147
0.0172
-0.0700
-0.0302
0.0290
0.0116
0.0081

-0.0207
0.0155
0.0010
-0.0087
0.0043
-0.0091

Normalised Gain for this window is 0.022798
LPC coefficients for this window :- 50

1.0000
-1.0924
0.0676
0.0291
0.0115
0.0195
0.0195
-0.0056
-0.0199
-0.0488
0.0181
0.0032
-0.0056
0.0280
-0.0571
0.0259
0.0022
-0.0291
0.0474
-0.0447
0.0342

Normalised Gain for this window is 0.032789
LPC coefficients for this window :- 51

1.0000
-1.0502
0.0278
0.0365
0.0136
0.0305
0.0133
-0.0711
-0.0047
-0.0565
0.0425
-0.0411
0.0219
0.0192
-0.0175
0.0447
-0.0250
-0.0354
0.0641
-0.0407
0.0311

Normalised Gain for this window is 0.032163
LPC coefficients for this window :- 52

1.0000
-1.0195
-0.0163
0.0512
-0.0054
-0.0262
0.0625
-0.0640
0.0084
-0.0046
-0.0351
0.0231
0.0422
-0.0156
0.0146
0.0082
-0.0266
0.0109
-0.0235
-0.0130
0.0390

Normalised Gain for this window is 0.024652
LPC coefficients for this window :- 53

1.0000
-1.1634
0.1394
0.0066
0.1480
-0.1672
0.1492
-0.1252
0.0831
-0.0703
0.0034
-0.0313
0.0045
-0.0947
0.0705
-0.0180
0.0074
0.0243
0.0664
-0.1660
0.1377

Normalised Gain for this window is 0.022025
LPC coefficients for this window :- 54

1.0000
-1.0851
0.0608

0.0098
0.0230
0.0407
0.0040
-0.0007
-0.0221
0.0188
-0.0201
-0.0265
0.0226
-0.0975
0.1047
-0.0224
-0.0245
0.0302
-0.0120
-0.0052
0.0157

Normalised Gain for this window is 0.01722
LPC coefficients for this window :- 55

1.0000
-1.1544
0.1194
-0.0462
0.1680
-0.0132
0.0878
-0.0920
-0.0234
-0.0264
0.0415
-0.1047
0.0951
-0.0813
0.1117
-0.0861
0.0738
-0.1369
0.0691
-0.0063
0.0077

Normalised Gain for this window is 0.016922
LPC coefficients for this window :- 56

1.0000
-1.1829
0.1141
0.0620
0.1099
-0.0456
0.0586
-0.0818
-0.0086

-0.0871
0.0602
-0.0757
0.1342
-0.0182
-0.0494
-0.0132
0.0517
-0.1332
0.1281
-0.0277
0.0123

Normalised Gain for this window is 0.01452
LPC coefficients for this window :- 57

1.0000
-1.0969
0.0880
0.0423
-0.0478
0.1126
0.0517
-0.1977
0.0602
0.0269
-0.0401
-0.0555
0.0940
0.0100
-0.0410
-0.0448
0.0137
-0.0222
0.0826
0.0169
-0.0389

Normalised Gain for this window is 0.0091429
LPC coefficients for this window :- 58

1.0000
-1.0560
0.0859
-0.0339
-0.0117
0.0005
0.0151
-0.0122
0.0153
0.0235
0.0028
-0.0169
-0.0098
-0.0258
0.0107

0.0127
0.0322
-0.0441
0.0352
-0.0071
-0.0091

Normalised Gain for this window is 0.027741
LPC coefficients for this window :- 59

1.0000
-1.1732
0.1692
-0.0255
0.1093
-0.0888
0.0722
-0.0870
0.0662
-0.0159
0.0014
-0.0333
-0.0406
-0.0112
-0.0076
-0.0154
0.1086
-0.0865
-0.0018
0.0203
0.0412

Normalised Gain for this window is 0.040732
LPC coefficients for this window :- 60

1.0000
-1.0903
0.0495
0.0194
0.0447
-0.0291
0.0177
0.0161
-0.0332
0.0056
0.0078
0.0196
0.0080
-0.0231
-0.0137
-0.0214
0.0085
0.0450
-0.0318
-0.0047
0.0115

Normalised Gain for this window is 0.03269
LPC coefficients for this window :- 61

1.0000
-1.2958
0.2588
-0.0206
0.1756
-0.0850
-0.0026
-0.0434
0.0648
0.0123
-0.0359
-0.0461
0.1230
-0.1502
0.0177
-0.0397
0.0363
0.0684
-0.0292
-0.0655
0.0631

Normalised Gain for this window is 0.014577
LPC coefficients for this window :- 62

1.0000
-1.1112
0.0689
-0.0165
0.0917
0.0318
0.0383
-0.0621
0.0115
0.0192
-0.0772
0.0072
0.0113
0.0191
0.0169
-0.0192
-0.0049
-0.0643
0.0369
-0.0100
0.0319

Normalised Gain for this window is 0.0091426
LPC coefficients for this window :- 63

1.0000
-1.1265
0.0780

0.0174
0.1023
-0.1291
0.0733
-0.0253
-0.0002
0.0276
0.0240
-0.0885
0.1046
-0.0201
0.0453
-0.0736
-0.0081
-0.0462
0.0139
0.0733
-0.0328

Normalised Gain for this window is 0.013053
LPC coefficients for this window :- 64

1.0000
-1.2032
0.1630
-0.0617
0.2655
-0.1782
0.1049
-0.0591
0.0078
-0.0230
0.0209
-0.0714
0.0543
-0.0688
0.0658
-0.0688
0.0787
-0.0705
-0.0539
0.0394
0.0618

Normalised Gain for this window is 0.015527
LPC coefficients for this window :- 65

1.0000
-1.1606
0.1267
-0.0532
0.2256
-0.1164
0.0514
-0.0611
0.0024

-0.0031
0.0404
-0.0293
0.0024
-0.0048
-0.0145
0.0010
-0.0144
0.0267
-0.0287
-0.0469
0.0708

Normalised Gain for this window is 0.01172
LPC coefficients for this window :- 66

1.0000
-1.0692
0.0574
0.0463
0.0131
0.0151
-0.0126
-0.0056
-0.0079
-0.0385
0.0547
-0.0618
0.0125
-0.0057
-0.0083
0.0463
-0.0403
0.0334
-0.0422
0.0164
0.0081

Normalised Gain for this window is 0.019352
LPC coefficients for this window :- 67

1.0000
-1.0531
-0.0064
0.0345
0.0766
-0.0433
-0.0003
-0.0077
-0.0052
-0.0083
0.0254
-0.0200
0.0226
-0.0143
-0.0164

0.0083
0.0120
-0.0130
-0.0005
0.0050
0.0068

Normalised Gain for this window is 0.042856
LPC coefficients for this window :- 68

1.0000
-1.0369
0.0147
0.0048
0.0599
-0.0284
-0.0202
0.0215
-0.0283
0.0129
0.0433
-0.0599
0.0391
-0.0210
-0.0136
-0.0111
-0.0333
0.0061
0.0187
0.0047
0.0302

Normalised Gain for this window is 0.045962
LPC coefficients for this window :- 69

1.0000
-1.0643
0.0614
0.0304
0.0024
0.0154
-0.0356
-0.0027
0.0122
-0.0586
0.0690
0.0077
-0.0341
0.0307
-0.0285
0.0025
0.0256
-0.0601
-0.0063
0.0148
0.0225

Normalised Gain for this window is 0.029123
LPC coefficients for this window :- 70

1.0000
-1.0383
0.0020
-0.0062
0.1580
-0.0172
-0.0018
-0.0924
0.0045
-0.0621
0.0318
0.0124
-0.0037
0.0212
0.0204
-0.0588
-0.0084
0.0175
0.0285
-0.0069
0.0034

Normalised Gain for this window is 0.023635
LPC coefficients for this window :- 71

1.0000
-1.1484
0.1597
0.0058
0.0739
-0.0596
0.0260
-0.0166
-0.0000
-0.0510
0.0217
-0.0347
0.0515
-0.0036
-0.0366
0.0523
-0.1017
0.0327
0.0436
-0.0369
0.0253

Normalised Gain for this window is 0.026236
LPC coefficients for this window :- 72

1.0000
-1.1395
0.1315

-0.0461
0.1550
-0.0404
0.0120
-0.0212
-0.0092
-0.0491
0.0573
-0.0130
0.0040
-0.0823
-0.0457
0.0345
0.0175
0.0037
0.0328
-0.0987
0.1007

Normalised Gain for this window is 0.023701
LPC coefficients for this window :- 73

1.0000
-1.1084
0.0916
-0.0559
0.1374
-0.0172
0.0379
-0.0560
0.0347
-0.0303
-0.0033
-0.0112
-0.0207
-0.0027
0.0033
-0.0192
-0.0240
-0.0041
0.0512
-0.0172
0.0186

Normalised Gain for this window is 0.02434
LPC coefficients for this window :- 74

1.0000
-1.0879
0.0389
0.0352
0.0891
-0.0209
-0.0130
-0.0219
0.0152

-0.0447
0.0200
-0.0273
0.0116
-0.0109
0.0404
-0.0150
-0.0222
0.0020
-0.0337
0.0577
-0.0087

Normalised Gain for this window is 0.029495
LPC coefficients for this window :- 75

1.0000
-1.1116
0.0915
-0.0049
0.0630
-0.0152
0.0373
-0.0466
-0.0022
0.0035
-0.0102
0.0108
-0.0281
-0.0120
0.0387
-0.0002
-0.0252
-0.0167
0.0318
-0.0384
0.0372

Normalised Gain for this window is 0.037526
LPC coefficients for this window :- 76

1.0000
-1.0469
-0.0185
0.0274
0.0855
-0.0466
0.0349
-0.0588
0.0290
-0.0349
0.0028
0.0474
-0.0152
0.0001
-0.0589

0.0214
0.0020
0.0283
-0.0276
-0.0168
0.0494

Normalised Gain for this window is 0.03445
LPC coefficients for this window :- 77

1.0000
-1.1076
0.0743
-0.0194
0.0754
-0.0398
0.0560
-0.0455
0.0327
-0.0442
0.0008
0.0232
-0.0202
0.0176
-0.0167
-0.0089
-0.0271
-0.0139
0.0465
-0.0010
0.0282

Normalised Gain for this window is 0.023325
LPC coefficients for this window :- 78

1.0000
-1.0928
0.0293
0.0712
0.0325
0.0072
0.0305
-0.0684
-0.0270
-0.0493
0.1088
-0.0820
-0.0275
-0.0089
0.0800
-0.0305
-0.1165
0.0955
-0.0461
0.0519
0.0476

Normalised Gain for this window is 0.026695
LPC coefficients for this window :- 79

1.0000
-1.0782
-0.0448
0.0165
0.1808
-0.0475
0.0527
-0.0252
-0.0216
-0.0707
0.0379
-0.0285
0.0239
-0.0381
0.0507
-0.0083
-0.0497
-0.0671
0.1282
-0.0461
0.0379

Normalised Gain for this window is 0.021472
LPC coefficients for this window :- 80

1.0000
-1.0715
0.0268
-0.0621
0.0963
0.0037
0.0589
-0.0062
0.0210
-0.0156
-0.0420
-0.0245
-0.0203
0.0374
0.0259
-0.0321
-0.0195
0.0161
0.0117
-0.0510
0.0539

Normalised Gain for this window is 0.020311
LPC coefficients for this window :- 81

1.0000
-1.2046
0.1561

0.0134
0.0872
-0.0340
0.0667
-0.0450
0.0049
-0.0962
0.0722
-0.0087
0.0188
-0.0095
-0.0342
0.0378
-0.0513
-0.0147
0.0017
-0.0613
0.1043

Normalised Gain for this window is 0.025043
LPC coefficients for this window :- 82

1.0000
-1.0979
0.0300
0.0471
-0.0039
0.0266
0.0051
0.0346
0.0069
-0.0489
0.0065
-0.0129
0.0028
0.0020
-0.0003
0.0013
-0.0099
0.0234
-0.0100
-0.0218
0.0265

Normalised Gain for this window is 0.030021
LPC coefficients for this window :- 83

1.0000
-1.1676
0.1126
0.0698
0.0733
-0.1313
0.1011
-0.0594
0.0038

-0.0747
0.0789
-0.0024
-0.0012
-0.0295
0.0388
0.0077
-0.0337
0.0101
-0.0117
-0.0198
0.0376

Normalised Gain for this window is 0.030677
LPC coefficients for this window :- 84

1.0000
-1.0679
0.0021
0.0562
0.0406
-0.0131
0.0040
-0.0223
-0.0162
0.0537
-0.0228
-0.0228
0.0181
0.0103
-0.0075
0.0197
-0.0006
-0.0281
0.0054
-0.0061
0.0122

Normalised Gain for this window is 0.018056
LPC coefficients for this window :- 85

1.0000
-1.0477
0.0361
0.0104
0.0144
0.0078
0.0092
-0.0152
-0.0071
-0.0012
0.0192
-0.0115
-0.0015
0.0113
-0.0315

0.0165
0.0218
0.0079
-0.0453
-0.0028
0.0157

Normalised Gain for this window is 0.025846
LPC coefficients for this window :- 86

1.0000
-1.0948
0.0318
0.0875
0.0137
-0.0152
0.0242
-0.0376
-0.0263
0.0365
-0.0120
-0.0503
0.0620
-0.0425
-0.0128
0.0543
0.0352
-0.0357
-0.0149
0.0281
-0.0291

Normalised Gain for this window is 0.03906
LPC coefficients for this window :- 87

1.0000
-1.0851
0.0520
0.0248
0.0611
-0.0217
0.0134
-0.0128
-0.0173
-0.0003
-0.0096
-0.0164
-0.0074
0.0092
-0.0011
-0.0290
0.0325
-0.0038
0.0417
-0.0504
0.0245

Normalised Gain for this window is 0.033516
LPC coefficients for this window :- 88

1.0000
-1.0235
-0.0302
0.0549
0.0316
-0.0120
0.0408
-0.0367
0.0515
-0.0409
-0.0044
0.0058
-0.0516
0.0411
0.0231
-0.0413
0.0004
0.0023
0.0268
-0.0702
0.0440

Normalised Gain for this window is 0.01611
LPC coefficients for this window :- 89

1.0000
-1.2225
0.1262
0.1422
0.0796
-0.0147
-0.0085
-0.1392
0.1475
-0.0489
0.0259
-0.0356
0.0109
0.0328
-0.0569
0.0016
0.0067
-0.0821
0.0989
-0.0382
-0.0078

Normalised Gain for this window is 0.0065868
LPC coefficients for this window :- 90

1.0000
-1.0753
0.0626

0.0824
0.0239
-0.0815
0.1035
-0.1085
0.0429
-0.0709
0.0953
-0.0408
0.0427
-0.0392
0.0060
-0.0662
0.0291
-0.0114
0.0185
0.0634
-0.0535

Normalised Gain for this window is 0.0094447
LPC coefficients for this window :- 91

1.0000
-1.0367
0.0403
0.0257
0.0037
-0.0237
0.0019
-0.0202
0.0018
-0.0087
0.0211
-0.0235
0.0346
-0.0332
-0.0099
0.0156
0.0093
-0.0237
0.0218
-0.0281
0.0365

Normalised Gain for this window is 0.040368
LPC coefficients for this window :- 92

1.0000
-1.1268
0.0788
0.0027
0.0766
-0.0331
0.0315
-0.0596
0.0173

-0.0551
0.1442
-0.0720
0.0357
-0.0132
0.0015
-0.0649
0.0118
0.0284
-0.0368
-0.0023
0.0364

Normalised Gain for this window is 0.051952
LPC coefficients for this window :- 93

1.0000
-1.0360
0.0007
0.0121
0.0200
-0.0203
0.0491
-0.0429
0.0328
0.0063
-0.0128
0.0249
0.0280
-0.0315
-0.0179
0.0041
-0.0339
0.0128
0.0005
-0.0162
0.0258

Normalised Gain for this window is 0.034926
LPC coefficients for this window :- 94

1.0000
-1.1815
0.1195
0.0071
0.1079
-0.0290
0.0172
-0.0089
-0.0014
0.0154
-0.0073
-0.0461
0.0979
-0.0051
-0.0497

0.0212
-0.0186
-0.0209
0.0019
-0.0413
0.0346

Normalised Gain for this window is 0.010979
LPC coefficients for this window :- 95

1.0000
-1.4148
0.3976
-0.0707
0.2042
-0.0071
-0.0570
-0.0782
0.0029
-0.0032
0.0566
-0.0362
0.1184
-0.1755
0.1604
-0.1213
0.0214
0.0530
-0.0775
0.0800
-0.0473

Normalised Gain for this window is 0.014359
LPC coefficients for this window :- 96

1.0000
-1.1357
0.0721
0.0819
0.0313
-0.0365
0.0203
-0.0193
-0.0159
-0.0310
0.0184
0.0061
0.0300
-0.0131
0.0133
-0.0015
0.0084
-0.0127
-0.0486
-0.0041
0.0449

Normalised Gain for this window is 0.022789
LPC coefficients for this window :- 97

1.0000
-1.1481
0.0189
0.1233
0.0708
-0.0570
0.0318
-0.0229
-0.0617
0.0163
0.0411
-0.0298
0.0634
-0.0236
-0.0212
-0.0688
0.1198
-0.0105
-0.0881
0.0047
0.0446

Normalised Gain for this window is 0.031283
LPC coefficients for this window :- 98

1.0000
-1.0573
-0.0140
0.0545
0.0427
-0.0033
0.0145
-0.0636
0.0044
-0.0267
0.0671
-0.0010
0.0469
-0.0786
0.0644
0.0038
-0.0090
-0.0469
-0.0435
0.0485
0.0023

Normalised Gain for this window is 0.026854
LPC coefficients for this window :- 99

1.0000
-1.1296
0.0747

0.0836
0.0614
-0.0459
0.0464
-0.0964
0.0222
-0.0303
0.0068
0.0519
-0.0267
0.0090
-0.0403
0.0530
0.0097
-0.0406
-0.0128
-0.0086
0.0213

Normalised Gain for this window is 0.016528
LPC coefficients for this window :- 100

1.0000
-1.2113
0.1566
0.0536
0.1100
-0.0539
0.0366
-0.0981
0.0422
-0.0672
0.0951
-0.0417
0.0150
-0.0178
-0.0069
-0.0220
-0.0273
-0.0007
0.0101
0.0242
0.0079

Normalised Gain for this window is 0.020463
LPC coefficients for this window :- 101

1.0000
-1.3002
0.2332
0.1567
-0.0509
-0.0452
0.1086
-0.1990
0.1563

-0.1002
0.0430
-0.0108
0.1379
-0.1036
-0.0277
0.0177
-0.0183
-0.0209
0.0556
-0.0759
0.0485

Normalised Gain for this window is 0.018448
LPC coefficients for this window :- 102

1.0000
-1.1553
0.1174
0.0581
0.0005
-0.0703
0.1039
-0.0798
0.0846
-0.0021
-0.0581
0.0634
0.0308
-0.0885
-0.0469
0.0157
0.0479
-0.0621
0.1153
-0.0814
0.0216

Normalised Gain for this window is 0.011873
LPC coefficients for this window :- 103

1.0000
-1.4539
0.2655
0.1538
0.0419
0.0009
0.0775
-0.0335
0.0124
-0.0444
-0.0235
0.0221
0.0085
-0.0299
-0.0241

0.0139
0.0860
-0.0516
0.0726
-0.1116
0.0274

Normalised Gain for this window is 0.030853
LPC coefficients for this window :- 104

1.0000
-1.4398
0.2829
0.0814
0.0141
0.0568
0.1195
0.0330
-0.0351
-0.0528
-0.0581
-0.0010
0.0099
-0.0205
0.0036
0.0164
0.0744
0.0102
-0.0330
-0.0477
0.0104

Normalised Gain for this window is 0.066356
LPC coefficients for this window :- 105

1.0000
-1.9447
1.0924
0.0387
-0.3368
0.0511
0.3083
-0.0716
-0.1085
0.0311
0.0809
-0.2192
-0.0828
0.2047
0.0667
-0.0706
0.0398
0.0852
-0.1379
-0.1028
0.1113

Normalised Gain for this window is 0.14586
LPC coefficients for this window :- 106

1.0000
-1.8538
0.9376
0.0386
-0.2226
0.0162
0.2229
0.0321
-0.0232
-0.0425
-0.0873
-0.0940
-0.0117
0.0868
0.0455
0.0316
0.0617
0.0369
-0.1236
-0.1290
0.1111

Normalised Gain for this window is 0.2219
LPC coefficients for this window :- 107

1.0000
-1.5678
0.5514
0.1291
-0.1135
-0.0539
0.1157
0.1191
0.0083
-0.0482
-0.0733
-0.0394
-0.0320
-0.0014
0.0469
0.0742
0.0418
-0.0253
-0.0429
-0.0166
-0.0076

Normalised Gain for this window is 0.28927
LPC coefficients for this window :- 108

1.0000
-2.2078
1.7231

-0.3893
-0.4049
0.2179
0.3473
-0.2047
-0.1139
0.2022
-0.1096
-0.1259
-0.0297
0.1138
0.1282
-0.2157
0.2113
0.0211
-0.1674
-0.0129
0.0482

Normalised Gain for this window is 0.31935
LPC coefficients for this window :- 109

1.0000
-1.3910
0.3237
0.1102
-0.0160
-0.0016
0.0694
0.0443
0.0080
0.0056
-0.0290
-0.0531
-0.0569
0.0059
0.0580
0.0426
0.0175
0.0006
-0.0010
-0.0111
-0.0510

Normalised Gain for this window is 0.37604
LPC coefficients for this window :- 110

1.0000
-2.6686
2.7900
-1.1431
-0.4899
0.5229
0.6014
-0.9902
0.4698

0.1738
-0.4434
0.2076
-0.0603
-0.0274
0.2592
-0.3454
0.3283
-0.1292
-0.0278
-0.0607
0.0530

Normalised Gain for this window is 0.42486
LPC coefficients for this window :- 111

1.0000
-1.5745
0.5175
0.1611
-0.0620
-0.0491
0.0652
0.0762
0.0242
-0.0202
-0.0632
-0.0694
-0.0162
0.0371
0.0541
0.0111
0.0068
0.0293
0.0021
-0.0347
-0.0348

Normalised Gain for this window is 0.45624
LPC coefficients for this window :- 112

1.0000
-2.2236
1.6268
-0.1784
-0.4261
0.0362
0.4301
-0.1608
-0.0398
0.0045
-0.0810
0.0006
-0.0506
0.0507
0.1089

-0.0651
0.0483
0.0286
-0.0368
-0.1134
0.0686

Normalised Gain for this window is 0.48836
LPC coefficients for this window :- 113

1.0000
-2.5830
2.5071
-0.8844
-0.3286
0.1612
0.6010
-0.6479
0.2227
0.0945
-0.1949
-0.0036
0.1447
-0.1704
0.1626
-0.0408
0.0338
-0.0731
0.0944
-0.1165
0.0434

Normalised Gain for this window is 0.5005
LPC coefficients for this window :- 114

1.0000
-1.7986
0.8196
0.1313
-0.1470
-0.0817
0.1452
0.0832
0.0057
-0.0623
-0.0909
-0.0115
-0.0134
0.0389
0.0146
0.0325
0.0592
-0.0183
-0.0152
-0.0472
-0.0013

Normalised Gain for this window is 0.51089
LPC coefficients for this window :- 115

1.0000
-1.5899
0.4970
0.1864
-0.0726
-0.0417
0.0809
0.0933
0.0180
-0.0565
-0.0640
-0.0302
-0.0482
0.0088
0.0598
0.0529
0.0387
-0.0039
-0.0170
-0.0418
-0.0196

Normalised Gain for this window is 0.50637
LPC coefficients for this window :- 116

1.0000
-1.5490
0.4390
0.1912
-0.0081
-0.0575
0.0277
0.0617
0.0659
-0.0175
-0.0731
-0.0646
-0.0336
0.0354
0.0425
0.0478
0.0073
-0.0128
0.0096
0.0276
-0.0755

Normalised Gain for this window is 0.56805
LPC coefficients for this window :- 117

1.0000
-1.5254
0.3980

0.1990
-0.0468
-0.0581
0.0735
0.1289
0.0736
-0.0895
-0.1297
-0.0523
0.0059
0.0484
0.0277
0.0361
0.0457
0.0066
-0.0163
-0.0502
-0.0162

Normalised Gain for this window is 0.57168
LPC coefficients for this window :- 118

1.0000
-1.6235
0.5468
0.1833
-0.0600
-0.0785
0.0785
0.0886
0.0199
-0.0201
-0.0805
-0.0448
-0.0125
0.0093
0.0439
0.0308
0.0250
0.0045
0.0022
-0.0227
-0.0360

Normalised Gain for this window is 0.58154
LPC coefficients for this window :- 119

1.0000
-1.7209
0.7123
0.1409
-0.1082
-0.0853
0.1192
0.0857
0.0204

-0.0362
-0.1095
-0.0133
-0.0128
-0.0003
0.0710
0.0059
0.0726
-0.0434
-0.0211
0.0277
-0.0529

Normalised Gain for this window is 0.60047
LPC coefficients for this window :- 120

1.0000
-1.9447
1.0057
0.1608
-0.2606
-0.0717
0.1976
0.0489
0.0585
-0.1678
-0.0396
-0.0082
-0.0021
0.0322
-0.0067
0.0688
0.0667
-0.0485
-0.0458
-0.0160
0.0032

Normalised Gain for this window is 0.54286
LPC coefficients for this window :- 121

1.0000
-1.6496
0.5400
0.1888
-0.0215
-0.0516
0.0742
0.0255
0.0015
-0.0198
-0.0478
-0.0299
-0.0169
0.0141
0.0452

0.0105
0.0499
-0.0052
-0.0236
-0.0204
-0.0173

Normalised Gain for this window is 0.53113
LPC coefficients for this window :- 122

1.0000
-1.7151
0.6085
0.2211
-0.0957
-0.0025
0.0487
0.0136
0.0847
-0.0921
-0.0657
-0.0526
0.0289
0.0720
-0.0148
0.0228
0.0272
-0.0194
0.0154
-0.0282
-0.0247

Normalised Gain for this window is 0.5098
LPC coefficients for this window :- 123

1.0000
-1.6778
0.5547
0.2149
-0.0317
-0.0746
0.0763
0.0441
0.0319
-0.0554
-0.0894
-0.0107
-0.0118
0.0254
0.0516
0.0313
0.0440
-0.0508
-0.0278
0.0209
-0.0354

Normalised Gain for this window is 0.43513
LPC coefficients for this window :- 124

1.0000
-1.7028
0.6069
0.1749
-0.0495
-0.0579
0.1012
0.0700
0.0241
-0.0847
-0.1340
0.0157
0.0232
-0.0109
0.0461
0.0788
0.0430
-0.0660
-0.0543
0.0133
-0.0054

Normalised Gain for this window is 0.4281
LPC coefficients for this window :- 125

1.0000
-1.8209
0.8062
0.1041
-0.0764
-0.0329
0.0487
0.1215
-0.0579
0.0879
-0.2328
-0.0511
0.1118
-0.0421
0.0558
0.0711
-0.0181
0.0383
-0.0085
-0.1404
0.0608

Normalised Gain for this window is 0.43371
LPC coefficients for this window :- 126

1.0000
-1.8373
0.8001

0.1180
-0.0592
-0.0179
0.0698
0.0238
0.0253
-0.0307
-0.1222
-0.0086
0.0019
0.0023
0.0433
0.0950
0.0473
-0.0799
-0.0497
-0.0268
0.0290

Normalised Gain for this window is 0.38519
LPC coefficients for this window :- 127

1.0000
-1.6418
0.4977
0.1733
0.0013
-0.0159
0.0486
0.0609
-0.0032
-0.0039
-0.0984
-0.0678
-0.0167
0.0049
0.1035
0.0526
0.0313
-0.0365
-0.0415
-0.0278
0.0054

Normalised Gain for this window is 0.34615
LPC coefficients for this window :- 128

1.0000
-2.1232
1.3122
-0.0298
-0.2250
-0.0653
0.4318
-0.3565
0.2099

-0.0523
-0.2696
0.1398
0.0541
-0.0309
-0.0406
0.1551
-0.0226
-0.0572
0.0693
-0.1824
0.1013

Normalised Gain for this window is 0.32139
LPC coefficients for this window :- 129

1.0000
-1.5682
0.4125
0.0778
0.0669
0.0245
0.1067
0.0850
-0.0451
-0.0160
-0.1958
-0.0383
-0.0128
0.0509
0.1249
0.0760
0.0157
-0.1182
-0.0260
0.0134
-0.0057

Normalised Gain for this window is 0.29827
LPC coefficients for this window :- 130

1.0000
-1.9753
1.0300
0.0404
-0.1486
-0.0065
0.2663
-0.0940
-0.0459
-0.0357
-0.0675
-0.0107
0.0183
-0.0306
0.0783

0.1071
-0.0522
0.0143
-0.0700
-0.0671
0.0637

Normalised Gain for this window is 0.25881
LPC coefficients for this window :- 131

1.0000
-1.6798
0.4789
0.1451
0.0593
0.0746
0.1162
-0.0657
-0.0824
-0.0402
-0.0520
0.0109
0.0374
-0.0136
0.0347
0.0319
0.0503
-0.0597
-0.0218
-0.0208
0.0121

Normalised Gain for this window is 0.21856
LPC coefficients for this window :- 132

1.0000
-1.7201
0.5157
0.1458
0.0221
0.1351
0.1676
-0.1256
-0.1234
-0.0347
-0.1314
0.1696
-0.0886
0.0974
0.0539
-0.0559
0.1191
-0.1762
0.0255
0.0217
-0.0056

Normalised Gain for this window is 0.20297
LPC coefficients for this window :- 133

1.0000
-1.5886
0.4074
0.1221
0.0358
0.0015
0.1757
0.0002
-0.0531
-0.0448
-0.0531
-0.0231
-0.0856
0.0452
0.0924
0.0766
0.0104
-0.0646
-0.0642
0.0216
0.0032

Normalised Gain for this window is 0.18589
LPC coefficients for this window :- 134

1.0000
-1.5970
0.4854
0.1379
-0.1053
-0.0044
0.2015
0.0391
-0.0566
-0.0802
-0.0078
0.0330
-0.1279
0.0423
0.0857
0.0582
-0.0263
-0.0490
-0.0018
-0.0359
0.0228

Normalised Gain for this window is 0.14846
LPC coefficients for this window :- 135

1.0000
-1.5756
0.3739

0.1948
-0.0066
0.0181
0.0662
0.0393
0.0211
-0.1018
-0.0547
-0.0150
-0.0154
0.0422
0.0088
0.0512
0.0579
-0.0515
-0.0346
-0.0611
0.0525

Normalised Gain for this window is 0.12887
LPC coefficients for this window :- 136

1.0000
-1.4469
0.3014
0.1047
0.0372
-0.0302
0.0541
0.0290
0.0199
-0.0328
-0.0786
0.0148
-0.0137
0.0256
-0.0189
0.0428
0.0378
-0.0371
-0.0122
-0.0373
0.0495

Normalised Gain for this window is 0.11122
LPC coefficients for this window :- 137

1.0000
-1.1993
0.1276
0.0690
-0.0121
-0.0099
0.0154
0.0191
0.0162

-0.0054
-0.0115
-0.0152
-0.0027
-0.0121
0.0055
0.0049
-0.0082
-0.0066
-0.0151
0.0012
0.0561

Normalised Gain for this window is 0.079561
LPC coefficients for this window :- 138

1.0000
-1.1168
0.0644
0.0288
0.0271
-0.0021
0.0240
-0.0123
0.0027
-0.0091
-0.0136
0.0055
-0.0053
-0.0229
0.0088
0.0199
0.0115
0.0083
-0.0069
0.0067
-0.0063

Normalised Gain for this window is 0.073665
LPC coefficients for this window :- 139

1.0000
-1.1982
0.1066
0.0562
0.0677
-0.0074
0.0360
-0.0076
-0.0424
-0.0175
-0.0306
0.0474
-0.0286
-0.0561
0.0320

0.0163
0.0763
-0.0073
0.0029
-0.0320
-0.0103

Normalised Gain for this window is 0.086633
LPC coefficients for this window :- 140

1.0000
-1.0882
0.0536
0.0108
0.0319
0.0175
0.0176
0.0069
-0.0170
-0.0040
-0.0111
0.0023
0.0101
-0.0221
-0.0361
0.0310
0.0273
0.0076
-0.0130
-0.0244
0.0113

Normalised Gain for this window is 0.057286
LPC coefficients for this window :- 141

1.0000
-1.0800
0.0013
0.0680
0.0509
-0.0062
0.0392
0.0050
0.0268
-0.0504
-0.0305
-0.0191
0.0129
0.0003
0.0203
0.0193
0.0071
-0.0115
0.0014
0.0049
-0.0509

Normalised Gain for this window is 0.027523
LPC coefficients for this window :- 142

1.0000
-1.3414
0.2396
0.0628
0.0064
0.0206
0.1032
-0.0660
0.0190
-0.0108
0.0235
-0.1075
0.0058
0.0642
-0.0223
0.0476
-0.0315
-0.0044
-0.0053
-0.0689
0.0671

Normalised Gain for this window is 0.049577
LPC coefficients for this window :- 143

1.0000
-1.0759
0.0750
-0.0264
0.0314
0.0031
0.0104
0.0007
-0.0117
-0.0393
0.0093
0.0636
-0.0417
-0.0067
0.0138
-0.0141
-0.0115
-0.0001
0.0145
-0.0288
0.0380

Normalised Gain for this window is 0.053849
LPC coefficients for this window :- 144

1.0000
-1.1116
0.0401

0.0495
0.0493
0.0057
-0.0401
0.0000
0.0224
0.0248
-0.0493
-0.0149
-0.0276
0.0175
0.0354
-0.0394
0.0240
0.0182
0.0171
-0.0292
0.0124

Normalised Gain for this window is 0.035739
LPC coefficients for this window :- 145

1.0000
-1.0878
0.0779
-0.0116
0.0334
0.0091
0.0245
-0.0201
0.0398
-0.0597
-0.0051
-0.0321
0.0270
-0.0366
0.0135
0.0269
0.0018
0.0188
-0.0742
0.0127
0.0483

Normalised Gain for this window is 0.028213
LPC coefficients for this window :- 146

1.0000
-1.0438
-0.0180
0.0606
-0.0040
-0.0207
0.0719
-0.0418
-0.0284

-0.0304
0.0073
0.0178
-0.0229
0.0432
-0.0085
0.0192
-0.0077
0.0270
-0.0395
0.0108
0.0124

Normalised Gain for this window is 0.042853
LPC coefficients for this window :- 147

1.0000
-1.1762
0.0842
0.0663
0.0597
0.0045
-0.0403
-0.0248
0.0671
-0.1092
0.0462
0.0509
-0.0249
-0.0647
0.0442
-0.0691
0.1196
-0.0011
-0.0984
-0.0036
0.0716

Normalised Gain for this window is 0.039246
LPC coefficients for this window :- 148

1.0000
-1.0076
0.0010
-0.0103
0.0196
0.0081
0.0106
-0.0234
0.0041
-0.0082
0.0158
-0.0187
0.0024
0.0153
-0.0192

0.0105
0.0083
0.0007
-0.0010
-0.0194
0.0286

Normalised Gain for this window is 0.035118
LPC coefficients for this window :- 149

1.0000
-1.0586
-0.0053
0.0049
0.0387
0.0429
-0.0479
-0.0682
0.0701
-0.0173
0.0157
0.0080
-0.0249
0.0431
-0.0286
-0.0253
0.0418
-0.0247
0.0143
0.0153
0.0092

Normalised Gain for this window is 0.047016
LPC coefficients for this window :- 150

1.0000
-1.0338
0.0174
0.0240
0.0169
-0.0267
0.0369
-0.0061
-0.0195
0.0107
-0.0061
0.0047
-0.0163
0.0078
0.0072
-0.0085
-0.0105
0.0092
0.0206
-0.0241
0.0065

Normalised Gain for this window is 0.036155
LPC coefficients for this window :- 151

1.0000
-1.0359
0.0053
0.0272
0.0275
0.0153
0.0048
-0.0185
-0.0017
-0.0138
-0.0198
-0.0117
-0.0088
0.0452
0.0209
-0.0384
0.0306
-0.0409
-0.0097
0.0039
0.0280

Normalised Gain for this window is 0.032231
LPC coefficients for this window :- 152

1.0000
-1.0906
0.0223
0.0264
0.0923
-0.0772
0.0555
-0.0024
-0.0729
0.0128
0.0553
-0.0239
0.0130
0.0139
0.0301
-0.0004
-0.0421
-0.0305
-0.0305
-0.0036
0.0544

Normalised Gain for this window is 0.051003
LPC coefficients for this window :- 153

1.0000
-1.0382
0.0061

0.0291
0.0038
-0.0290
0.0496
-0.0004
0.0003
-0.0272
0.0088
-0.0020
-0.0369
0.0249
0.0004
0.0014
0.0132
-0.0183
0.0151
0.0203
-0.0167

Normalised Gain for this window is 0.045316
LPC coefficients for this window :- 154

1.0000
-1.0488
0.0102
0.0021
0.0594
-0.0150
0.0529
-0.0694
0.0081
0.0194
-0.0040
0.0011
0.0059
-0.0039
0.0225
0.0122
-0.0485
-0.0191
-0.0118
-0.0000
0.0366

Normalised Gain for this window is 0.023913
LPC coefficients for this window :- 155

1.0000
-1.2201
0.1398
0.1440
-0.0054
-0.0682
0.1131
-0.0851
-0.0352

-0.0668
0.1834
-0.1103
-0.0316
0.0688
-0.0254
-0.0294
0.0319
0.0223
-0.0469
-0.0191
0.0441

Normalised Gain for this window is 0.022434
LPC coefficients for this window :- 156

1.0000
-1.0687
0.0348
0.0429
0.0603
-0.0303
-0.0212
0.0034
-0.0010
-0.0213
0.0492
-0.0501
-0.0493
0.0197
0.0195
0.0078
0.0296
-0.0141
-0.0378
0.0439
-0.0074

Normalised Gain for this window is 0.018631
LPC coefficients for this window :- 157

1.0000
-1.2057
0.1223
0.1109
0.0215
-0.0823
0.0731
-0.0384
0.0030
-0.0917
0.1470
-0.0890
-0.0252
0.0332
-0.0187

0.0135
-0.0033
0.0628
-0.0593
0.0492
-0.0199

Normalised Gain for this window is 0.027818
LPC coefficients for this window :- 158

1.0000
-1.0100
-0.0025
-0.0045
0.0000
0.0202
0.0041
-0.0275
0.0291
-0.0111
-0.0105
-0.0029
0.0246
-0.0190
-0.0034
0.0084
-0.0170
0.0188
-0.0130
0.0382
-0.0148

Normalised Gain for this window is 0.049895
LPC coefficients for this window :- 159

1.0000
-1.0884
0.0070
0.0056
0.0421
0.0117
0.0818
-0.0979
0.0342
0.0022
-0.0015
0.0215
-0.0025
-0.0394
0.0389
-0.0430
-0.0111
-0.0028
-0.0352
0.0214
0.0572

Normalised Gain for this window is 0.061488
LPC coefficients for this window :- 160

1.0000
-1.0025
-0.0092
-0.0032
0.0355
-0.0073
-0.0018
0.0063
-0.0007
-0.0012
-0.0102
0.0088
-0.0092
0.0221
-0.0053
-0.0140
-0.0129
-0.0196
0.0269
-0.0156
0.0196

Normalised Gain for this window is 0.045715
LPC coefficients for this window :- 161

1.0000
-1.0213
0.0243
-0.0348
0.0435
0.0640
-0.0432
-0.0006
-0.0151
0.0114
-0.0217
0.0132
0.0070
-0.0163
-0.0057
-0.0149
0.0174
-0.0197
0.0067
-0.0220
0.0396

Normalised Gain for this window is 0.024561
LPC coefficients for this window :- 162

1.0000
-1.1089
0.0949

0.0028
0.0410
0.0050
0.0034
-0.0451
-0.0503
0.0376
-0.0153
0.0442
-0.0326
0.0094
0.0026
0.0296
-0.0323
-0.0037
0.0079
-0.0343
0.0462

Normalised Gain for this window is 0.050053
LPC coefficients for this window :- 163

1.0000
-1.0659
0.0491
0.0111
0.0330
-0.0394
0.0231
-0.0118
-0.0191
-0.0144
0.0388
0.0118
-0.0386
0.0150
-0.0074
0.0191
-0.0163
-0.0336
0.0540
-0.0221
0.0170

Normalised Gain for this window is 0.047776
LPC coefficients for this window :- 164

1.0000
-1.0504
0.0335
0.0357
0.0040
0.0321
-0.0436
-0.0248
0.0498

-0.0651
0.0369
0.0230
0.0240
-0.0167
-0.0178
0.0036
-0.0334
-0.0023
-0.0147
0.0435
-0.0047

Normalised Gain for this window is 0.016873
LPC coefficients for this window :- 165

1.0000
-1.1881
0.1576
0.1082
0.0653
-0.0060
-0.0552
-0.0781
0.0619
-0.0685
0.1208
-0.1267
0.0527
0.0462
0.0032
-0.1281
0.0388
0.0242
0.0022
-0.0271
0.0117

Normalised Gain for this window is 0.0076871
LPC coefficients for this window :- 166

1.0000
-1.3867
0.3657
-0.0171
0.2765
-0.2824
0.1711
-0.1469
0.0355
-0.0054
0.1090
-0.0982
0.0659
-0.1735
0.2724

-0.2795
0.0634
-0.0249
0.1553
-0.0866
-0.0107

Normalised Gain for this window is 0.014015
LPC coefficients for this window :- 167

1.0000
-1.1955
0.1431
0.0548
0.1472
-0.0979
0.0306
-0.1599
0.1033
0.0996
-0.1293
0.0249
-0.0320
0.0056
0.0672
-0.0671
-0.0158
-0.0257
0.0507
-0.0013
0.0048

Normalised Gain for this window is 0.012998
LPC coefficients for this window :- 168

1.0000
-1.1427
0.0882
0.0307
0.1204
-0.0426
0.0296
-0.1100
0.0260
0.0298
-0.0257
0.0347
0.0023
-0.0345
-0.0211
0.0054
0.0302
-0.0675
0.0711
-0.0416
0.0425

Normalised Gain for this window is 0.0095737
LPC coefficients for this window :- 169

1.0000
-1.3537
0.2756
-0.0801
0.3209
-0.1522
0.0724
-0.1240
0.1230
-0.1354
0.0477
-0.0068
-0.0137
-0.0253
0.0969
-0.0209
-0.0973
0.0595
0.0876
-0.1374
0.0674

Normalised Gain for this window is 0.017699
LPC coefficients for this window :- 170

1.0000
-1.1344
0.1251
0.0020
0.0472
-0.0100
-0.0070
-0.0001
0.0223
-0.0389
0.0174
-0.0230
0.0041
-0.0070
-0.0101
0.0120
0.0115
-0.0232
-0.0007
-0.0054
0.0298

Normalised Gain for this window is 0.018687
LPC coefficients for this window :- 171

1.0000
-1.2145
0.1492

0.0506
0.0370
0.0281
-0.0157
-0.0412
0.0619
-0.0917
0.0807
0.0052
-0.0346
0.0082
0.0129
-0.0449
0.0137
-0.0087
0.0186
0.0054
-0.0153

Normalised Gain for this window is 0.021247
LPC coefficients for this window :- 172

1.0000
-1.0687
0.0105
0.0344
0.0607
-0.0399
0.0205
-0.0172
-0.0003
-0.0043
0.0215
-0.0177
-0.0489
0.0394
0.0182
0.0031
0.0032
-0.0420
0.0116
0.0533
-0.0303

Normalised Gain for this window is 0.023871
LPC coefficients for this window :- 173

1.0000
-1.0338
0.0415
-0.0412
0.0643
-0.0354
0.0321
-0.0164
-0.0077

0.0103
-0.0002
-0.0015
0.0084
-0.0315
0.0229
0.0265
0.0225
-0.0310
0.0080
-0.0210
-0.0104

Normalised Gain for this window is 0.023107
LPC coefficients for this window :- 174

1.0000
-1.1016
-0.0121
0.0924
0.0645
0.0031
0.0321
-0.0946
0.0520
0.0040
-0.0479
-0.0077
0.0955
-0.0705
-0.0240
0.0028
-0.0014
-0.0160
0.0377
0.0828
-0.0881

Normalised Gain for this window is 0.022707
LPC coefficients for this window :- 175

1.0000
-1.0767
0.0648
0.0028
0.0085
-0.0024
0.0294
-0.0178
0.0168
0.0161
0.0056
0.0045
-0.0179
-0.0461
-0.0273

0.0346
-0.0245
0.0272
-0.0134
0.0315
-0.0066

Normalised Gain for this window is 0.021439
LPC coefficients for this window :- 176

1.0000
-1.4789
0.5070
-0.1071
0.2632
-0.3009
0.2883
-0.2727
0.2595
-0.2602
0.2377
-0.3106
0.3306
-0.3342
0.3243
-0.1690
0.0412
-0.1174
0.2282
-0.1897
0.0627

Normalised Gain for this window is 0.021454
LPC coefficients for this window :- 177

1.0000
-1.1455
0.1567
0.0087
0.0294
-0.0604
-0.0226
0.0665
-0.0187
-0.0241
0.0367
-0.0581
0.0564
-0.0480
0.0270
0.0316
-0.0177
-0.0102
-0.0037
0.0128
-0.0040

Normalised Gain for this window is 0.015477
LPC coefficients for this window :- 178

1.0000
-1.2493
0.1704
0.0264
0.1418
-0.0770
0.0028
-0.0478
0.0747
-0.0223
0.0398
-0.0943
0.0513
-0.0871
0.1015
-0.0282
0.0238
-0.0559
0.0657
0.0040
-0.0227

Normalised Gain for this window is 0.010559
LPC coefficients for this window :- 179

1.0000
-1.2711
0.2145
-0.0077
0.1628
-0.0871
0.0260
-0.0099
0.0411
-0.0389
0.0085
-0.0947
0.0805
-0.0598
0.0567
0.0104
-0.1221
0.1092
0.0113
0.0176
-0.0291

Normalised Gain for this window is 0.010226
LPC coefficients for this window :- 180

1.0000
-1.1038
0.1289

-0.0222
0.0443
0.0068
-0.0013
0.0318
-0.0198
-0.0347
0.0288
-0.0605
0.0246
-0.0374
0.0517
-0.0299
-0.0380
-0.0209
0.0444
0.0168
0.0011

Normalised Gain for this window is 0.013198
LPC coefficients for this window :- 181

1.0000
-1.1829
0.1619
-0.0132
0.1127
-0.0590
0.0768
-0.0489
-0.0371
0.0141
0.0455
-0.1023
0.0587
0.0198
-0.0357
0.0162
-0.0364
-0.0090
0.0187
0.0603
-0.0556

Normalised Gain for this window is 0.017731
LPC coefficients for this window :- 182

1.0000
-1.0269
0.0077
0.0221
0.0141
-0.0275
0.0194
-0.0185
0.0192

0.0048
-0.0232
-0.0068
0.0100
0.0054
0.0158
0.0050
0.0084
-0.0305
0.0050
0.0148
-0.0118

Normalised Gain for this window is 0.033408
LPC coefficients for this window :- 183

1.0000
-1.0501
0.0336
0.0099
0.0338
-0.0377
0.0410
-0.0369
0.0026
-0.0398
0.0445
-0.0232
0.0154
0.0121
0.0120
-0.0263
0.0052
0.0266
-0.0616
0.0244
0.0173

Normalised Gain for this window is 0.047712
LPC coefficients for this window :- 184

1.0000
-1.0746
0.0307
0.0073
0.0492
0.0279
0.0108
-0.0288
-0.0173
-0.0179
-0.0092
0.0460
-0.0235
-0.0099
0.0404

-0.0232
0.0028
-0.0320
0.0303
-0.0169
0.0120

Normalised Gain for this window is 0.039046
LPC coefficients for this window :- 185

1.0000
-1.0510
0.0335
0.0142
0.0252
0.0291
0.0003
-0.0032
0.0087
-0.0609
0.0315
-0.0322
-0.0415
0.0196
0.0656
-0.0295
-0.0076
0.0047
-0.0516
0.0210
0.0412

Normalised Gain for this window is 0.017451
LPC coefficients for this window :- 186

1.0000
-1.2707
0.2538
-0.0246
0.1690
-0.0693
0.0597
-0.1468
0.1162
-0.1344
0.0342
0.0487
-0.0789
0.0108
0.0595
-0.0778
0.0868
-0.1001
0.0157
0.0215
0.0359

Normalised Gain for this window is 0.012766
LPC coefficients for this window :- 187

1.0000
-1.1048
0.0250
0.0807
0.0996
0.0053
-0.0159
-0.1229
0.0174
0.0247
-0.0501
0.0046
0.0484
-0.0336
-0.0159
-0.0119
0.0432
-0.0294
0.0229
-0.0016
0.0284

Normalised Gain for this window is 0.013707
LPC coefficients for this window :- 188

1.0000
-1.3118
0.2620
0.0483
0.1252
-0.1244
0.1331
-0.2181
0.1314
-0.1027
0.0912
-0.0388
0.0084
-0.0079
0.1322
-0.1650
0.0119
0.0557
-0.0862
-0.0271
0.0902

Normalised Gain for this window is 0.013644
LPC coefficients for this window :- 189

1.0000
-1.1861
0.1796

0.0619
0.0628
-0.1423
0.1201
-0.0353
-0.0068
-0.0644
0.0654
0.0203
-0.0888
0.0564
0.0301
-0.0020
-0.0937
0.0513
-0.0432
-0.0247
0.0506

Normalised Gain for this window is 0.01193
LPC coefficients for this window :- 190

1.0000
-1.1363
0.0734
0.1005
-0.0520
0.0831
0.0026
-0.1177
0.1215
-0.0948
0.0310
0.0516
-0.0228
-0.0295
0.0330
-0.0525
0.0042
0.0321
-0.0507
-0.0048
0.0324

Normalised Gain for this window is 0.021127
LPC coefficients for this window :- 191

1.0000
-1.0978
0.0670
0.0403
-0.0077
0.0014
0.0076
-0.0129
0.0704

-0.0657
0.0269
-0.0039
0.0121
-0.0175
-0.0294
0.0131
-0.0330
0.0434
-0.0279
0.0209
-0.0037

Normalised Gain for this window is 0.031002
LPC coefficients for this window :- 192

1.0000
-1.0806
0.0734
-0.0229
0.0186
0.0270
-0.0339
-0.0019
0.0405
0.0037
-0.0078
0.0285
0.0062
-0.0484
0.0216
-0.0448
-0.0168
0.0276
0.0332
0.0146
-0.0350

Normalised Gain for this window is 0.035675
LPC coefficients for this window :- 193

1.0000
-1.0676
0.0280
0.0443
0.0329
-0.0114
0.0163
-0.0191
0.0060
-0.0087
0.0202
-0.0043
0.0008
0.0088
-0.0540

0.0095
-0.0009
-0.0207
-0.0199
-0.0263
0.0698

Normalised Gain for this window is 0.031542
LPC coefficients for this window :- 194

1.0000
-1.1223
0.0263
0.1396
0.0266
-0.0885
0.0719
-0.0211
0.0259
-0.0348
0.0624
-0.0828
0.0123
0.0145
-0.0029
-0.0103
0.0004
-0.0051
0.0011
-0.0494
0.0411

Normalised Gain for this window is 0.021293
LPC coefficients for this window :- 195

1.0000
-1.1223
0.0607
0.0633
0.0376
-0.0063
-0.0815
0.0513
0.0395
0.0068
0.0125
-0.0899
0.0612
-0.0562
0.0140
0.0432
0.0069
-0.0303
0.0390
0.0080
-0.0516

Normalised Gain for this window is 0.018734
LPC coefficients for this window :- 196

1.0000
-1.2125
0.1446
-0.0250
0.1988
-0.1255
0.0596
-0.0971
0.1627
-0.0954
0.0115
-0.0721
0.1136
-0.1436
0.1105
-0.0345
0.0926
-0.1460
0.0352
0.1474
-0.1202

Normalised Gain for this window is 0.01641
LPC coefficients for this window :- 197

1.0000
-1.2060
0.2171
-0.0573
0.2149
-0.1531
0.0560
-0.0847
0.1266
-0.0680
0.0359
-0.0903
0.0965
-0.1511
0.0663
-0.0317
0.0876
-0.0893
0.0047
0.0465
-0.0011

Normalised Gain for this window is 0.0084673
LPC coefficients for this window :- 198

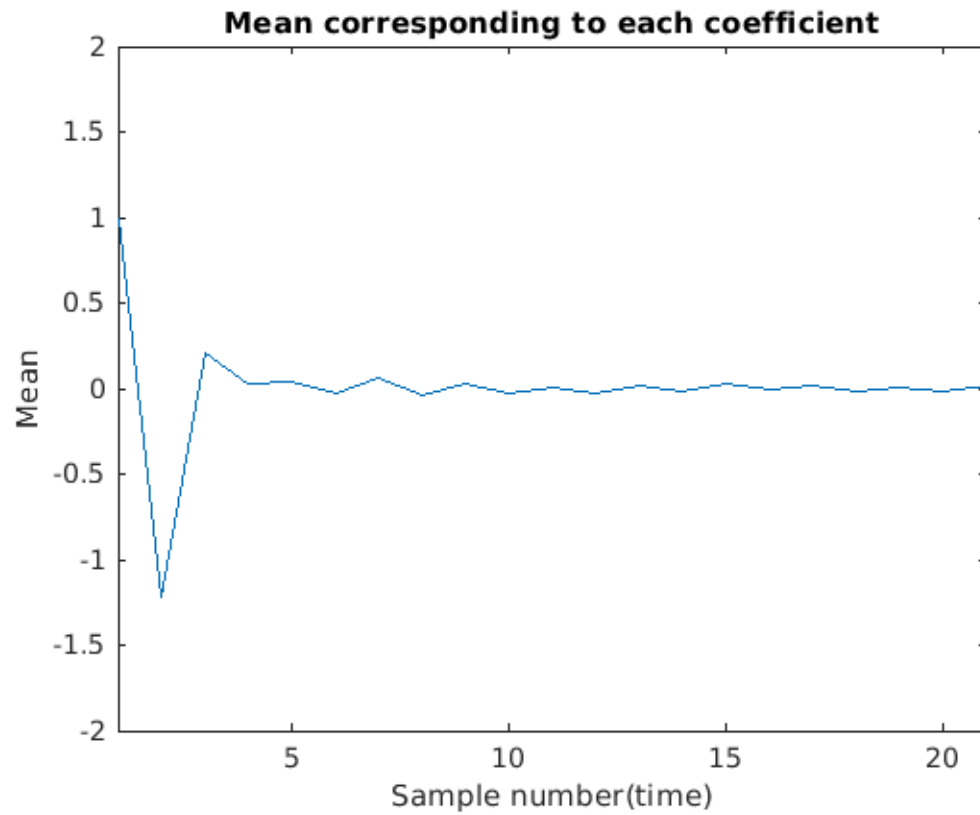
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-1.3133
0.2612

0.0985
0.0668
-0.1317
0.0828
-0.1298
0.2877
-0.2409
0.1182
-0.1282
0.0860
-0.1127
0.1777
-0.1763
0.1733
-0.1925
0.0460
0.0461
-0.0021

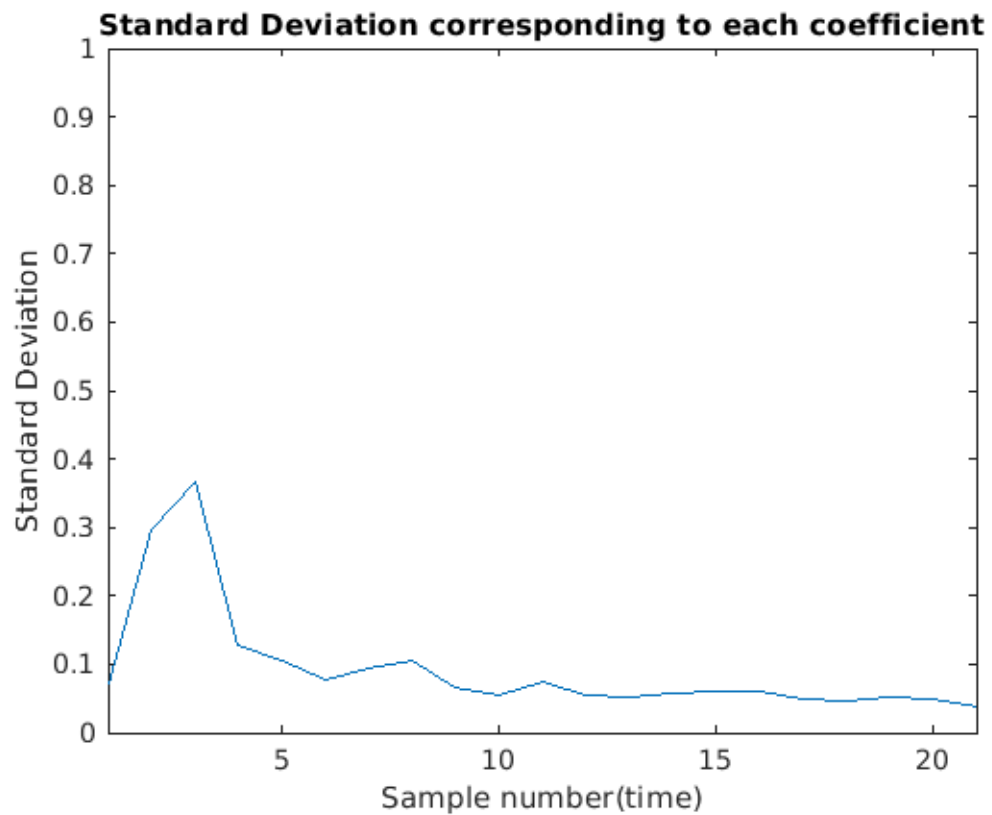
Normalised Gain for this window is 0.0076603
LPC coefficients for this window :- 199

1.0000
-1.2633
0.2630
-0.0342
0.0073
0.0349
0.0797
-0.1089
0.0950
-0.0931
0.1060
-0.1834
0.1869
-0.0948
0.1049
-0.0852
0.0203
-0.0013
-0.1088
0.0822
0.0040

Normalised Gain for this window is 0.010847



0.9950
-1.2236
0.2023
0.0259
0.0371
-0.0259
0.0564
-0.0447
0.0243
-0.0324
0.0035
-0.0239
0.0121
-0.0141
0.0257
-0.0111
0.0134
-0.0149
0.0003
-0.0117
0.0178



0.0707
0.2967
0.3673
0.1271
0.1065
0.0760
0.0948
0.1050
0.0649
0.0544
0.0756
0.0554
0.0515
0.0571
0.0607
0.0596
0.0504
0.0455
0.0510
0.0489
0.0369

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