```
1 // Jagmohan L. Humar "Dynsmics of Structures Third Edition"
2 // P502-P504頁,與第App_6J測試相同,但提供邊界值條件是 :
4 // t=16.5秒時, y1 = [0.11710 | 0.23071]。
6 using Matrix_0;
7
8
9 // 已知邊界條件,其向量為BVal
10 // 邊界值 @t = 4.5
11 double[,] y0 = \{ \{ -0.68877 \}, \{ -1.37729 \} \};
12 // 邊界值 @t = 16.5
13 double[,] y1 = \{ \{ 0.11710 \}, \{ 0.23071 \} \};
14 ReMatrix BVal = (ReMatrix)y0 | y1;
15
16 // 已知陣列 M, K, and C
17 double[,] M = \{ \{ 2, 0 \}, \{ 0, 1 \} \};
18 double[,] K = \{ \{ 3, -1 \}, \{ -1, 1 \} \};
19 double[,] C = \{ \{ 0.4, -0.05 \}, \{ -0.05, 0.2 \} \};
20
21 // 建構系統矩陣A:
22 ReMatrix Mi = ^{\sim} (ReMatrix) M;
23 Iden iden = new Iden(2);
24 ReMatrix I = iden. Matrix;
25 Zero zero = new Zero(2);
26 ReMatrix 0 = zero. Matrix;
27 ReMatrix A = ((-1.0 * Mi * C) & (-1.0 * Mi * K)) | (I & 0);
28
29 // 系統與狀態係數。
30 // 特徵值矩陣D和特徵向量矩陣Q。
31 EIG eig = new EIG(A);
32 CxMatrix D = eig.CxMatrixD;
33 CxMatrix V = eig. CxVector;
34 CxMatrix Q = eig. CxMatrixQ;
35 // 係數向量d。
36 CxHexp Hexp = new CxHexp (D, Q, 4.5);
37 CxMatrix MatTemp = Hexp. GetCxMatrix;
38 RowSlice rowSlice = new RowSlice (MatTemp, 2, 1);
39 CxMatrix Mat1 = rowSlice.GetCxMatrix;
40
41 Hexp = new CxHexp (D, Q, 16.5);
42 MatTemp = Hexp. GetCxMatrix;
43 rowSlice = new RowSlice (MatTemp, 2, 1);
44 CxMatrix Mat2 = rowSlice.GetCxMatrix;
45
46 // 矩陣Mat1和矩陣Mat2垂直合併。
47 CxMatrix Mat = Mat1 | Mat2;
```

```
48 CxMatrix d = Mat * BVal:
49
50 // 列印標題。
51 Console. Write ("\n****{0,6} 系 {0,4} 統 {0,4} 與 {0,4} 狀 {0,4} 態 {0,4} 參 {0,4} マ
     數 {0, 6} ****\n", "");
52
53 // 列印系統與狀態參數。
54 Console. Write ("\n***{0,5}特徵值V{0,5}***\n{1}\n", "", new PR(V));
55 Console. Write ("\n*** {0,5} 特徵向量矩陣Q {0,5} *** \n {1} \n", "", new PR →
      (Q)):
56 Console. Write ("\n***{0,5}係數向量d{0,5}***\n{1}\n", "", new PR(d));
57
58 \text{ double step} = 0.5:
59 int iRow = (int) (50 / step + 1);
60 int iCol = M. GetLength(1) + 1;
61 ReMatrix Disp = new ReMatrix(iRow, iCol);
62 ReMatrix Vel = new ReMatrix(iRow, iCol);
63 ReMatrix Acc = new ReMatrix(iRow, iCol);
64
65 for (int i = 0; i != iRow; i++)
66 {
67
        double t = step * i;
68
69
       Hexp = new CxHexp(D, Q, t);
       MatTemp = Hexp. GetCxMatrix;
70
71
        ReMatrix yh = (ReMatrix) (MatTemp * d);
72
        ReMatrix yhDot = A * yh;
73
74
       Acc. Matrix[i, 0] = t;
       Acc. Matrix[i, 1] = yhDot. Matrix[0, 0];
75
       Acc. Matrix[i, 2] = yhDot. Matrix[1, 0];
76
77
       Vel.Matrix[i, 0] = t;
78
       Vel. Matrix[i, 1] = yh. Matrix[0, 0];
79
       Vel. Matrix[i, 2] = yh. Matrix[1, 0];
80
81
       Disp. Matrix[i, 0] = t;
82
       Disp. Matrix[i, 1] = yh. Matrix[2, 0];
83
       Disp. Matrix[i, 2] = yh. Matrix[3, 0];
84
85 }
86
87 // 列印標題。
88 Console. Write("\n****{0,10} 狀 {0,5} 態 {0,5} 響 {0,5} 應 {0,10} ****\n",
     "");
89
90 // 列印空間節點之狀態響應(變位,速度,和加速)。
91 Console. Write ("\n{0,5}***位移反應量***{0,5}\n{0,8} 時間(秒)"+
```

```
"{0,8}第0點位移{0,8}第1點位移\n\n{1}", "", new PR(Disp));
 93 Console. Write ("\n{0,5}***速度反應量***{0,5}\n{0,8}時間(秒)"+
        "{0,8}第0點速度{0,8}第1點速度\n\n{1}", "", new PR(Vel));
    Console. Write ("\n*** {0,5} 加速度反應量 {0,5} *** \n {0,8} 時間 (秒)" +
 95
        "{0,8}第0點加速度{0,7}第1點加速度\n\n{1}", "", new PR(Acc));
 96
 97
 98 // 列印時間、節點變位、速度、和加速度等序列。
 99 Console. Write ("\n時間序列\n{0}\n", new PR4(Disp, 0));
100
101 Console. Write ("\n第0點變位序列\n{0}\n", new PR4(Disp, 1));
102 Console. Write ("\n第1點變位序列\n{0}\n", new PR4(Disp, 2));
103 Console. Write ("\n第0點速度序列\n{0}\n", new PR4(Vel, 1));
104 Console. Write("\n第1點速度序列\n{0}\n", new PR4(Vel, 2));
105 Console. Write("\n第0點加速度序列\n{0}\n", new PR4(Acc, 1));
106 Console. Write ("\n第1點加速度序列\n{0}\n", new PR4(Acc, 2));
107 Console. Write (" \ n \ ");
108
109
110 /* 輸出結果如下:
                               狀
                                     熊
                                           參
                                                數
111
    ***
              系
                   統
                         與
                                                        ***
112
113 ***
            特徴值V
                       ***
114
        -0.11666 +
                      1.40933i
115
        -0.11666
                      1.40933i
116
        -0.08334
                      0.70221i
117
        -0.08334
                      0.70221i
118
            特徵向量矩陣Q
119 ***
                             ***
120
       0.57745 +
                  0.00000i,
                              0.57745 +
                                          0.00000i,
121
       0.25800 +
                   0.00000i.
                              0.25800 +
                                          0.00000i
122
123
      -0.57707 -
                   0.01365i,
                             -0.57707 +
                                          0.01365i,
                   0.00609i,
124
       0.51648 -
                              0.51648 +
                                          0.00609i
125
126
      -0.03369 -
                   0.40695i
                             -0.03369 +
                                          0.40695i
127
      -0.04300 -
                   0.36231i,
                             -0.04300 +
                                          0.36231i
128
129
       0.02405 +
                   0.40748i,
                              0.02405 -
                                          0.40748i,
130
      -0.09463 -
                   0.72428i,
                             -0.09463 +
                                          0.72428i
131
132
    ***
            係數向量d
                         ***
133
        0.00484 +
                   0.00005i
134
        0.00484 -
                   0.00005i
135
       -0.01085 +
                   1. 37914i
136
       -0.01085 -
                   1. 37914i
137
138 ****
                  狀
                        態
                                      應
                                                 ***
```

140	139			
141 時間(秒) 第0點位移 第1點位移 142 0.00000 0.99999 2.00000 143 0.50000 0.93966 1.87981 144 1.00000 0.77180 1.54693 145 1.50000 0.52457 1.05824 146 2.00000 0.23387 0.48396 147 2.50000 -0.06169 -0.10151 148 3.00000 -0.32594 -0.62850 149 3.50000 -0.52953 -1.03960 150 4.00000 -0.68877 -1.37729 151 4.50000 -0.688877 -1.37729 152 5.00000 -0.63986 -1.28919 153 5.50000 -0.51942 -1.05488 154 6.00000 -0.34766 -0.71285 155 6.50000 -0.14893 -0.31328 156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45067 0.9003 <td></td> <td>***位移反應量***</td> <td></td> <td></td>		***位移反應量***		
142 0.00000 0.99999 2.00000 143 0.50000 0.93966 1.87981 144 1.00000 0.77180 1.54693 145 1.50000 0.52457 1.05824 146 2.00000 0.23387 0.48396 147 2.50000 -0.06169 -0.10151 148 3.00000 -0.32594 -0.62850 149 3.50000 -0.52953 -1.03960 150 4.00000 -0.68877 -1.37729 151 4.50000 -0.68877 -1.37729 152 5.00000 -0.63986 -1.28919 153 5.50000 -0.51942 -1.05458 154 6.00000 -0.34766 -0.71285 155 6.50000 -0.14893 -0.31328 156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45			第0點位移	第1點位移
143 0.50000 0.93966 1.87981 144 1.00000 0.77180 1.54693 145 1.50000 0.52457 1.05824 146 2.00000 0.23387 0.48396 147 2.50000 -0.06169 -0.10151 148 3.00000 -0.32594 -0.62850 149 3.50000 -0.52953 -1.03960 150 4.00000 -0.68877 -1.37729 151 4.50000 -0.68877 -1.37729 152 5.00000 -0.63986 -1.28919 153 5.50000 -0.51942 -1.05458 154 6.00000 -0.34766 -0.71285 155 6.50000 -0.14893 -0.31328 156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45067 0.9003 160 9.00000 0.474				
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146 2.00000 0.23387 0.48396 147 2.50000 -0.06169 -0.10151 148 3.00000 -0.32594 -0.62850 149 3.50000 -0.52953 -1.03960 150 4.00000 -0.68877 -1.37729 151 4.50000 -0.68877 -1.37729 152 5.00000 -0.63986 -1.28919 153 5.50000 -0.51942 -1.05458 154 6.00000 -0.34766 -0.71285 155 6.50000 -0.14893 -0.31328 156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45067 0.9003 160 9.00000 0.47413 0.94810 161 9.50000 0.43939 0.87986 162 10.00000 0.35495 0.71296 163 10.50000 0.2	144	1.00000	0.77180	1.54693
147 2.50000 -0.06169 -0.10151 148 3.00000 -0.32594 -0.62850 149 3.50000 -0.52953 -1.03960 150 4.00000 -0.68877 -1.37729 151 4.50000 -0.68877 -1.37729 152 5.00000 -0.63986 -1.28919 153 5.50000 -0.51942 -1.05458 154 6.00000 -0.34766 -0.71285 155 6.50000 -0.14893 -0.31328 156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45067 0.90003 160 9.00000 0.47413 0.94810 161 9.50000 0.43939 0.87986 162 10.00000 0.43939 0.87986 162 10.00000 0.35495 0.71296 163 10.50000 0	145	1.50000	0. 52457	1.05824
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156 7.00000 0.05142 0.09168 157 7.50000 0.22990 0.45312 158 8.00000 0.36732 0.73136 159 8.50000 0.45067 0.90003 160 9.00000 0.47413 0.94810 161 9.50000 0.43939 0.87986 162 10.00000 0.35495 0.71296 163 10.50000 0.23471 0.47520 164 11.00000 0.09591 0.20035 165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000	154	6.00000	-0. 34766	-0.71285
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159 8. 50000 0. 45067 0. 90003 160 9. 00000 0. 47413 0. 94810 161 9. 50000 0. 43939 0. 87986 162 10. 00000 0. 35495 0. 71296 163 10. 50000 0. 23471 0. 47520 164 11. 00000 0. 09591 0. 20035 165 11. 50000 -0. 04325 -0. 07623 166 12. 00000 -0. 16599 -0. 32182 167 12. 50000 -0. 25891 -0. 50988 168 13. 00000 -0. 31336 -0. 62268 169 13. 50000 -0. 32611 -0. 65269 170 14. 00000 -0. 29918 -0. 60277 171 14. 50000 -0. 23909 -0. 48509 172 15. 00000 -0. 15568 -0. 31900 173 15. 50000 -0. 16663 -0. 12814 174 16. 50000 0. 11710 0. 23071 176 17. 00000 0. 17986 0. 35772 177 17. 50000 0. 21642 0. 43195 17	157	7.50000	0. 22990	0.45312
160 9.00000 0.47413 0.94810 161 9.50000 0.43939 0.87986 162 10.00000 0.35495 0.71296 163 10.50000 0.23471 0.47520 164 11.00000 0.09591 0.20035 165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000	158	8.00000	0.36732	0.73136
161 9.50000 0.43939 0.87986 162 10.00000 0.35495 0.71296 163 10.50000 0.23471 0.47520 164 11.00000 0.09591 0.20035 165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.10460 <td>159</td> <td>8.50000</td> <td>0.45067</td> <td>0.90003</td>	159	8.50000	0.45067	0.90003
162 10.00000 0.35495 0.71296 163 10.50000 0.23471 0.47520 164 11.00000 0.09591 0.20035 165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.10460 0.21245 180 19.50000 0.10460 <td>160</td> <td>9.00000</td> <td>0. 47413</td> <td>0.94810</td>	160	9.00000	0. 47413	0.94810
163 10. 50000 0. 23471 0. 47520 164 11. 00000 0. 09591 0. 20035 165 11. 50000 -0. 04325 -0. 07623 166 12. 00000 -0. 16599 -0. 32182 167 12. 50000 -0. 25891 -0. 50988 168 13. 00000 -0. 31336 -0. 62268 169 13. 50000 -0. 32611 -0. 65269 170 14. 00000 -0. 29918 -0. 60277 171 14. 50000 -0. 23909 -0. 48509 172 15. 00000 -0. 15568 -0. 31900 173 15. 50000 -0. 06063 -0. 12814 174 16. 50000 0. 11710 0. 23071 175 16. 50000 0. 11710 0. 23071 176 17. 00000 0. 17986 0. 35772 177 17. 50000 0. 21642 0. 43195 178 18. 00000 0. 22445 0. 44889 179 18. 50000 0. 10460 0. 21245 180 19. 00000 0. 10460 0. 21245 <td< td=""><td>161</td><td>9.50000</td><td>0. 43939</td><td>0.87986</td></td<>	161	9.50000	0. 43939	0.87986
164 11.00000 0.09591 0.20035 165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.10460 0.21245 180 19.00000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 </td <td>162</td> <td>10.00000</td> <td>0.35495</td> <td>0.71296</td>	162	10.00000	0.35495	0.71296
165 11.50000 -0.04325 -0.07623 166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.10460 0.21245 180 19.00000 0.10460 0.21245 181 19.50000 0.10460 0.21245 182 20.00000 -0.02705 -0.04933 184 21.00000 -0.08400	163	10.50000	0. 23471	0.47520
166 12.00000 -0.16599 -0.32182 167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 </td <td>164</td> <td></td> <td></td> <td>0. 20035</td>	164			0. 20035
167 12.50000 -0.25891 -0.50988 168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	165	11.50000	-0.04325	-0.07623
168 13.00000 -0.31336 -0.62268 169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	166	12.00000	-0.16599	-0 . 32182
169 13.50000 -0.32611 -0.65269 170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	167	12.50000	-0 . 25891	-0.50988
170 14.00000 -0.29918 -0.60277 171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	168	13.00000	-0 . 31336	-0.62268
171 14.50000 -0.23909 -0.48509 172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	169			
172 15.00000 -0.15568 -0.31900 173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357	170			-0.60277
173 15.50000 -0.06063 -0.12814 174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
174 16.00000 0.03398 0.06269 175 16.50000 0.11710 0.23071 176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
175 16. 50000 0. 11710 0. 23071 176 17. 00000 0. 17986 0. 35772 177 17. 50000 0. 21642 0. 43195 178 18. 00000 0. 22445 0. 44889 179 18. 50000 0. 20516 0. 41123 180 19. 00000 0. 16294 0. 32790 181 19. 50000 0. 10460 0. 21245 182 20. 00000 0. 03842 0. 08112 183 20. 50000 -0. 02705 -0. 04933 184 21. 00000 -0. 08400 -0. 16357				
176 17.00000 0.17986 0.35772 177 17.50000 0.21642 0.43195 178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
177 17. 50000 0. 21642 0. 43195 178 18. 00000 0. 22445 0. 44889 179 18. 50000 0. 20516 0. 41123 180 19. 00000 0. 16294 0. 32790 181 19. 50000 0. 10460 0. 21245 182 20. 00000 0. 03842 0. 08112 183 20. 50000 -0. 02705 -0. 04933 184 21. 00000 -0. 08400 -0. 16357				
178 18.00000 0.22445 0.44889 179 18.50000 0.20516 0.41123 180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
179 18. 50000 0. 20516 0. 41123 180 19. 00000 0. 16294 0. 32790 181 19. 50000 0. 10460 0. 21245 182 20. 00000 0. 03842 0. 08112 183 20. 50000 -0. 02705 -0. 04933 184 21. 00000 -0. 08400 -0. 16357				
180 19.00000 0.16294 0.32790 181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
181 19.50000 0.10460 0.21245 182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
182 20.00000 0.03842 0.08112 183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
183 20.50000 -0.02705 -0.04933 184 21.00000 -0.08400 -0.16357				
184 21. 00000 -0. 08400 -0. 16357				
185 21. 50000 -0. 12632 -0. 24937				
	185	21. 50000	-0. 12632	-0. 24937

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186	22.00000	-0.15016	-0.29880	
187	22. 50000	-0.15422	-0.30886	
188	23.00000	-0.13968	-0. 28142	
189	23. 50000	-0.10980	-0. 22269	
190	24.00000	-0.06937	-0. 14214	
191	24. 50000	-0.02398	-0.05110	
192	25.00000	0.02061	0.03872	
193	25. 50000	0.05924	0.11672	
194	26.00000	0.08782	0. 17456	
195	26. 50000	0. 10374	0. 20700	
196	27.00000	0. 10610	0. 21225	
197	27. 50000	0.09566	0. 19191	
198	28.00000	0. 07465	0. 15047	
199	28. 50000	0.04640	0. 09452	
200	29. 00000	0. 01488	0. 03187	
201	29. 50000	-0. 01589	-0.02957	
202	30.00000	-0. 04228	-0. 08261	
203	30. 50000	-0.06150	-0. 12164	
204	31. 00000	-0.07186	-0. 14315	
205	31. 50000	-0. 07284	-0. 14595	
206	32. 00000	-0.06512	-0. 13119	
207	32. 50000	-0.05031	-0. 10201	
208	33. 00000	-0.03074	-0.06303	
209	33. 50000	-0.00911	-0.01966	
210	34. 00000	0. 01188	0. 02257	
211	34. 50000	0. 02980	0.05872	
212	35. 00000	0. 04277	0.08499	
213	35. 50000	0. 04964	0.09905	
214	36. 00000	0.05008	0. 10023	
215	36. 50000	0. 04453	0.08942	
216	37. 00000	0. 03412	0.06889	
217	37. 50000	0. 02048	0.04183	
218	38. 00000	0.00548	0. 01198	
219	38. 50000 39. 00000	-0.00896	-0. 01691	
220		-0. 02117 -0. 02988	-0. 04149	
221	39. 50000 40. 00000		-0. 05919	
222		-0. 03434 -0. 02426	-0. 06847 -0. 06888	
223 224	40. 50000 41. 00000	-0. 03436 -0. 03031	-0. 06888 -0. 06107	
225	41. 50000	-0. 02299	-0. 00107 -0. 04663	
226	42. 00000	-0. 01354	-0. 02779	
220 227	42. 50000	-0.00324	-0. 00716	
228	43. 00000	0.00324	0. 01266	
228 229	43. 50000	0.01491	0. 01200	
230	44. 00000	0. 02078	0. 02940	
231	44. 50000	0. 02078	0. 04129	
231	45. 00000	0. 02372	0. 04733	
404	40,00000	0.02301	0.04141	

C:\230)2\github\App_6M\App	26M.cs		
233	45.50000	0.02070	0.04160	
234	46.00000	0.01556	0.03146	
235	46.50000	0.00898	0.01840	
236	47.00000	0.00186	0.00420	
237	47.50000	-0.00491	-0.00936	
238	48.00000	-0.01056	-0.02074	
239	48.50000	-0.01449	-0.02874	
240	49.00000	-0.01639	-0.03270	
241	49.50000	-0.01619	-0 . 03246	
242	50.00000	-0.01408	-0.02838	
243				
244	***速度反應量**			
245	時間(秒)	第0點速度	第1點速度	
246	0.00000	0.00000	0.00000	
247	0.50000	-0 . 23582	-0. 46889	
248	1.00000	-0. 42608	-0.84337	
249	1. 50000	-0. 55070	-1. 08769	
250	2.00000	-0. 59906	-1. 18431	
251	2. 50000	-0. 57099	-1. 13410	
252	3. 00000	-0. 47611	-0. 95455	
253	3. 50000	-0. 33176	-0. 67656	
254	4. 00000	-0. 15994	-0. 34010	
255	4. 50000	0. 01613	0. 01085	
256	5. 00000	0. 17508	0. 33355	
257	5. 50000	0. 29983	0. 59156	
258	6.00000	0. 37898	0.75872	
259	6. 50000	0. 40741	0. 82185	
260	7. 00000	0. 38608	0. 78150	
261	7. 50000	0. 32136	0.65089	
262	8. 00000	0. 22395	0. 45320	
263	8. 50000 9. 00000	0. 10748	0. 21780 -0. 02400	
264 265	9. 50000	-0. 01304 -0. 12303	-0. 02400 -0. 24298	
	10. 00000	-0. 12303 -0. 21002	-0. 24298 -0. 41521	
266 267	10. 50000	-0. 26511	-0. 52443	
268	11. 00000	-0. 28395	-0. 56304	
269	11. 50000	-0. 26705	-0. 53225	
270	12. 00000	-0. 21939	-0. 44117	
271	12. 50000	-0. 14936	-0.30512	
272	13. 00000	-0. 06738	-0. 14355	
273	13. 50000	0. 01567	0. 02252	
274	14. 00000	0. 08984	0. 17302	
275	14. 50000	0. 14719	0. 29115	
276	15. 00000	0. 18252	0. 36524	
277	15. 50000	0. 19360	0. 38981	
278	16. 00000	0. 18112	0. 36583	
279	16. 50000	0. 14837	0. 30012	
210	10.0000	0. 11001	0.00012	

C:\2302\	gitnub\App_om\Ap	pom.cs		
280	17.00000	0.10070	0.20397	
281	17.50000	0.04477	0.09143	
282	18.00000	-0.01223	-0.02274	
283	18.50000	-0.06344	-0.12486	
284	19.00000	-0. 10315	-0.20388	
285	19.50000	-0.12740	-0. 25242	
286	20.00000	-0. 13445	-0. 26726	
287	20. 50000	-0. 12479	-0. 24938	
288	21.00000	-0. 10095	-0. 20345	
289	21. 50000	-0.06701	-0. 13708	
290	22. 00000	-0. 02791	-0. 05966	
291	22. 50000	0. 01124	0. 01879	
292	23. 00000	0. 04580	0. 08886	
293	23. 50000	0. 07210	0. 14285	
294	24. 00000	0. 08776	0. 17553	
295	24. 50000	0.09184	0. 18467	
296	25. 00000	0. 08480	0. 17105	
297	25. 50000	0.06834	0. 13814	
298	26. 00000	0.04509	0. 09146	
299	26. 50000	0. 01830	0.03771	
300	27. 00000	-0. 00861	-0. 01614	
301	27. 50000	-0. 03241	-0. 06369	
302	28. 00000	-0. 05050	-0. 09985	
	28. 50000	-0. 06113	-0. 12129	
303	29. 00000	-0.06360	-0. 12129 -0. 12667	
304	29. 50000			
305		-0.05825	-0. 11665	
306	30. 00000 30. 50000	-0. 04638 -0. 02005	-0. 09362 -0. 06122	
307	31. 00000	-0.02995	-0.06133	
308		-0.01131	-0.02430	
309	31. 50000	0.00714	0.01270	
310	32. 00000	0. 02321	0. 04527	
311	32. 50000	0. 03523	0.06989	
312	33. 00000	0. 04212	0. 08422	
313	33. 50000	0. 04350	0.08738	
314	34. 00000	0. 03963	0.07987	
315	34. 50000	0. 03140	0.06347	
316	35. 00000	0. 02010	0. 04084	
317	35. 50000	0.00729	0. 01519	
318	36. 00000	-0.00539	-0. 01018	
319	36. 50000	-0. 01643	-0. 03228	
320	37. 00000	-0. 02466	-0. 04878	
321	37. 50000	-0. 02929	-0.05818	
322	38.00000	-0.03005	-0.05995	
323	38. 50000	-0. 02716	-0. 05448	
324	39.00000	-0. 02127	-0. 04299	
325	39. 50000	-0. 01332	-0. 02731	
326	40.00000	-0.00444	-0.00964	

U:\2	2302\g1	tnub\App_om\App	DOM. CS		
327		40.50000	0.00424	0.00779	
328		41.00000	0.01170	0.02291	
329		41.50000	0.01718	0.03410	
330		42.00000	0.02019	0.04035	
331		42.50000	0.02057	0.04129	
332		43.00000	0.01849	0. 03725	
333		43.50000	0.01439	0.02910	
334		44.00000	0.00891	0.01815	
335		44. 50000	0.00280	0.00593	
336		45. 00000	-0.00316	-0.00601	
337		45. 50000	-0.00828	-0. 01627	
338		46. 00000	-0. 01201	-0. 02378	
339		46. 50000	-0. 01401	-0. 02787	
340		47. 00000	-0. 01418	-0. 02833	
341		47. 50000	-0. 01265	-0. 02540	
			-0. 00973	-0. 01969	
342		48. 00000			
343		48. 50000	-0.00589	-0. 01210	
344		49. 00000	-0.00167	-0.00368	
345		49. 50000	0.00241	0. 00452	
346		50.00000	0.00587	0. 01152	
347					
348	***	加速度反應量		<i>ξ</i> ζ 4 ΜΙ	
349		時間(秒)	第0點加速度	第1點加速度	
350		0.00000	-0. 49999	-1.00001	
351		0. 50000	-0. 43414	-0. 85816	
352		1.00000	-0. 32010	-0.62776	
353		1.50000	-0. 17479	-0. 34366	
354		2.00000	-0.01862	-0.04318	
355		2.50000	0. 12763	0. 23809	
356		3.00000	0. 24601	0. 46967	
357		3. 50000	0. 32393	0.62880	
358		4.00000	0.35550	0. 70221	
359		4. 50000	0. 34156	0. 68716	
360		5.00000	0. 28852	0. 59137	
361		5. 50000	0.20667	0. 43184	
362		6.00000	0.10824	0. 23239	
363		6.50000	0.00581	0.02035	
364		7.00000	-0.08897	-0. 17725	
365		7.50000	-0.16629	-0 . 33733	
366		8.00000	-0.21877	-0.44348	
367		8.50000	-0.24204	-0.48755	
368		9.00000	-0.23514	-0. 46982	
369		9.50000	-0.20063	-0.39802	
370		10.00000	-0.14433	-0.28547	
371		10.50000	-0.07456	-0.14885	
372		11.00000	-0.00098	-0.00603	
373		11.50000	0.06687	0. 12608	

C. \2302 \g1t	IIUD (APP_OM (APPOM.	CS	
374	12.00000	0.12093	0. 23309
375	12.50000	0. 15566	0.30453
376	13.00000	0. 16859	0. 33466
377	13.50000	0. 16026	0.32285
378	14.00000	0. 13375	0. 27348
379	14. 50000	0.09393	0. 19513
380	15. 00000	0. 04664	0. 09940
381	15. 50000	-0.00210	-0.00077
382	16. 00000	-0. 04670	-0. 09282
383	16. 50000	-0. 08247	-0. 16621
384	17. 00000	-0. 10597	-0. 21362
385	17. 50000	-0. 11533	-0. 23157
386	18. 00000	-0.11036	-0. 22049
387	18. 50000	-0. 09256	-0. 18426
388	19. 00000	-0. 06493	-0. 12934
389	19. 50000	-0. 03151	-0. 06374
390	20. 00000	0.00315	0. 00403
391	20. 50000	0.03464	0.06592
392	21. 00000	0. 05933	0. 11521
393	21. 50000	0. 07477	0. 14711
	22. 00000		0. 15918
394	22. 50000	0. 07992	
395	23. 00000	0. 07512	0. 15144
396		0.06188	0. 12625
397	23. 50000	0. 04251	0. 08792
398	24. 00000	0. 01982	0. 04206
399	24. 50000	-0.00333	-0.00522
400	25. 00000	-0. 02425	-0. 04808
401	25. 50000	-0. 04072 -0. 05118	-0. 08169 -0. 10278
402	26. 00000		
403	26. 50000 27. 00000	-0. 05483 -0. 05171	-0. 10988 -0. 10335
404			
405	27. 50000 28. 00000	-0. 04264 -0. 02913	-0. 08514 -0. 05838
406	28. 50000	-0. 01315	-0. 02692
407	29. 00000		
408 409	29. 50000	0. 00316 0. 01778	0. 00517
	30. 00000		0. 03410
410		0. 02905	0. 05674
411	30. 50000	0. 03589	0. 07091
412	31. 00000	0.03786	0. 07559
413	31. 50000	0. 03518	0. 07093
414	32. 00000	0. 02856	0. 05819
415	32. 50000	0. 01915	0. 03949
416	33. 00000	0.00828	0. 01755
417	33. 50000	-0.00269	-0.00474
418	34. 00000	-0.01247	-0. 02468
419	34. 50000	-0. 02003	-0. 04005
420	35. 00000	-0. 02465	-0. 04939

$C: \setminus 2$	$302\github\App$	o_6M\App6M.	cs			10
421	35. 500	00	-0.02602	-0.05208		
422	36.000	00	-0.02419	-0.04838		
423	36 . 500	00	-0.01961	-0.03926		
424	37.000	00	-0.01303	-0.02624		
425	37. 500	00	-0.00540	-0.01118		
426	38.000	00	0.00228	0.00399		
427	38. 500	00	0.00906	0.01748		
428	39.000		0.01420	0.02785		
429	39. 500	00	0.01721	0.03411		
430	40.000		0.01792	0. 03583		
431	40. 500		0.01645	0.03317		
432	41.000		0.01316	0.02677		
433	41.500		0.00859	0.01767		
434	42.000		0.00338	0.00719		
435	42. 500		-0.00180	-0.00331		
436	43.000		-0.00636	-0.01257		
437	43. 500		-0.00982	-0. 01959		
438	44. 000		-0. 01185	-0.02370		
439	44. 500		-0. 01232	-0. 02466		
440	45. 000		-0.01130	-0. 02262		
441	45. 500		-0.00900	-0.01806		
442	46.000		-0.00580	-0.01174		
443	46. 500		-0.00217	-0.00454		
444	47. 000		0.00144	0.00262		
445	47. 500		0.00458	0.00890		
446	48. 000		0.00692	0. 01363		
447	48. 500		0.00824	0. 01638		
448	49.000		0.00847	0. 01696		
449 450	49. 500 50. 000		0. 00768 0. 00605	0. 01549 0. 01229		
450 451	50.000	00	0.00003	0.01229		
	時間序列					
453	0.0000,	0.5000,	1.0000,	1.5000,	2.0000,	
454	2. 5000,	3.0000,		4. 0000,	4. 5000,	
455	5. 0000,	5. 5000,	6.0000,	6. 5000,	7. 0000,	
456	7. 5000,	8.0000,	8. 5000,	9.0000,	9. 5000,	
457	10.0000,	10. 5000,	11. 0000,	11. 5000,	12. 0000,	
458	12. 5000,	13.0000,	13. 5000,	14. 0000,	14. 5000,	
459	15. 0000,	15. 5000,	16. 0000,	16. 5000,	17. 0000,	
460	17. 5000,	18.0000,	18. 5000,	19.0000,	19. 5000,	
461	20.0000,	20. 5000,	21.0000,	21. 5000,	22.0000,	
462	22. 5000,	23.0000,	23. 5000,	24. 0000,	24. 5000,	
463	25.0000,	25. 5000,	26.0000,	26. 5000,	27.0000,	
464	27. 5000,	28.0000,	28. 5000,	29.0000,	29. 5000,	
465	30.0000,	30. 5000,	31.0000,	31. 5000,	32.0000,	
466	32. 5000,	33.0000,	33. 5000,	34.0000,	34. 5000,	
467	35.0000,	35. 5000,	36.0000,	36. 5000,	37.0000,	
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38.5000,
                                                   39.0000,
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468
         37.5000,
                       38.0000,
469
         40.0000,
                       40.5000,
                                     41.0000,
                                                   41.5000,
                                                                 42.0000,
470
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                                                                 44.5000,
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471
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472
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                                     48.5000,
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                                                                 49.5000,
473
         50.0000,
474
475
     第0點變位序列
476
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                                                0.5246,
                                                             0.2339,
477
          1.0000,
                                    0.7718,
                                  -0.5295,
478
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                      -0.3259,
                                               -0.6531,
                                                            -0.6888,
         -0.6399,
                      -0.5194,
                                  -0.3477,
                                               -0.1489,
                                                             0.0514,
479
          0.2299,
                       0.3673,
                                                0.4741,
480
                                   0.4507,
                                                             0.4394,
481
          0.3550,
                       0.2347,
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                                               -0.0433,
                                                            -0.1660,
482
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                      -0.3134,
                                  -0.3261,
                                               -0.2992,
                                                            -0.2391,
         -0.1557,
                      -0.0606,
                                   0.0340,
                                                0.1171,
                                                             0.1799,
483
484
          0.2164,
                       0.2245,
                                   0.2052,
                                                0.1629,
                                                             0.1046,
                      -0.0271,
485
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                                  -0.0840,
                                               -0.1263,
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                                               -0.0694,
                                                            -0.0240,
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                                                             0.1061,
487
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                       0.0746,
488
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                                                0.0149,
                                                            -0.0159,
         -0.0423,
                      -0.0615,
                                  -0.0719,
                                               -0.0728,
                                                            -0.0651,
489
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                      -0.0307,
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490
491
          0.0428,
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                                   0.0501,
                                                0.0445,
                                                             0.0341,
          0.0205,
                       0.0055,
                                  -0.0090,
                                               -0.0212,
                                                            -0.0299,
492
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                      -0.0344,
                                  -0.0303,
                                               -0.0230,
                                                            -0.0135,
493
494
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                       0.0066,
                                   0.0149,
                                                0.0208,
                                                             0.0237,
495
          0.0236,
                       0.0207,
                                   0.0156,
                                                0.0090,
                                                             0.0019,
         -0.0049,
                      -0.0106,
                                  -0.0145,
                                               -0.0164,
                                                            -0.0162,
496
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497
498
499
     第1點變位序列
500
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                      1.8798,
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                                               1.0582,
501
                                                            0.4840,
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                                              -1.2953,
                                                           -1.3773,
502
       -1.2892,
503
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                                 -0.7128,
                                              -0.3133,
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         0.4531,
                      0.7314,
                                  0.9000,
                                               0.9481,
                                                            0.8799,
504
505
         0.7130,
                      0.4752,
                                  0.2004,
                                              -0.0762
                                                           -0.3218,
                    -0.6227,
                                                           -0.4851,
506
        -0.5099,
                                 -0.6527,
                                              -0.6028,
507
       -0.3190,
                    -0.1281,
                                  0.0627,
                                               0.2307,
                                                            0.3577,
508
         0.4319,
                      0.4489,
                                  0.4112,
                                               0.3279,
                                                            0.2125,
509
         0.0811,
                    -0.0493,
                                 -0.1636,
                                              -0.2494,
                                                           -0.2988,
                                 -0.2227,
                                                           -0.0511,
510
       -0.3089,
                    -0.2814,
                                              -0.1421,
         0.0387,
                     0.1167,
                                  0.1746,
                                               0.2070,
                                                            0.2123,
511
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                                  0.0945,
                                               0.0319,
                                                           -0.0296,
512
         0.1919,
                    -0.1216,
                                 -0.1431,
                                              -0.1460,
                                                           -0.1312,
513
       -0.0826,
514
       -0.1020,
                    -0.0630,
                                 -0.0197,
                                               0.0226,
                                                            0.0587,
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C:\2302\github\App_6M\App6M.cs						
515	0.0850,	0.0991,	0. 1002,	0.0894,	0.0689,	
516	0.0418,	0.0120,	-0.0169,	-0.0415,	-0.0592,	
517	-0.0685,	-0.0689,	-0.0611,	-0.0466,	-0.0278,	
518	-0.0072,	0.0127,	0.0294,	0.0413,	0.0473,	
519	0.0473,	0.0416,	0.0315,	0.0184,	0.0042,	
520	-0.0094,	-0.0207,	-0.0287,	-0.0327,	-0.0325,	
521	-0.0284,					
522						
523	第0點速度序	列				
524	0.0000,	-0.2358,	-0.4261,	-0.5507,	-0.5991,	
525	-0.5710,	-0.4761,	-0.3318,	-0.1599,	0.0161,	
526	0.1751,	0. 2998,	0.3790,	0.4074,	0.3861,	
527	0. 3214,	0. 2239,	0. 1075,	-0.0130,	-0.1230,	
528	-0.2100,	-0.2651,	-0. 2839,	-0.2671,	-0.2194,	
529	-0.1494,	-0.0674,	0.0157,	0.0898,	0. 1472,	
530	0. 1825,	0. 1936,	0.1811,	0. 1484,	0.1007,	
531	0.0448,	-0.0122,	-0.0634,	-0.1031,	-0.1274,	
532	-0.1345,	-0.1248,	-0.1010,	-0.0670,	-0.0279,	
533	0.0112,	0.0458,	0.0721,	0.0878,	0.0918,	
534	0.0848,	0.0683,	0.0451,	0.0183,	-0.0086,	
535	-0.0324,	-0.0505,	-0.0611,	-0.0636,	-0.0583,	
536	-0.0464,	-0.0299,	-0.0113,	0.0071,	0.0232,	
537	0.0352,	0.0421,	0.0435,	0.0396,	0.0314,	
538	0.0201,	0.0073,	-0.0054,	-0.0164,	-0.0247,	
539	-0.0293,	-0.0300,	-0.0272,	-0.0213,	-0.0133,	
540	-0.0044,	0.0042,	0.0117,	0.0172,	0.0202,	
541	0.0206,	0.0185,	0. 0144,	0.0089,	0.0028,	
542	-0.0032,	-0.0083,	-0.0120,	-0.0140,	-0.0142,	
543	-0.0126,	-0.0097,	-0.0059,	-0.0017,	0.0024,	
544	0.0059,					
545						
546	~~ · · · · · · · · · · · · · · · · · ·	 1				
547	第1點速度序		0.0404	1 0055	1 1040	
548	0.0000,	-0.4689,	-0.8434,	-1.0877,	-1. 1843,	
549	-1. 1341,	-0. 9545,	-0. 6766 ,	-0.3401,	0.0108,	
550	0. 3336,	0. 5916,	0.7587,	0.8218,	0. 7815,	
551	0.6509,	0.4532,	0. 2178,	-0.0240,	-0. 2430,	
552	-0.4152,	-0. 5244,	-0. 5630,	-0. 5323,	-0.4412,	
553	-0.3051,	-0. 1435,	0.0225,	0. 1730,	0. 2911,	
554	0. 3652,	0.3898,	0. 3658,	0.3001,	0. 2040,	
555 556	0.0914,	-0. 0227 ,	-0. 1249,	-0. 2039,	-0. 2524,	
556	-0. 2673,	-0. 2494,	-0. 2035,	-0. 1371,	-0.0597,	
557	0.0188,	0.0889,	0. 1428,	0. 1755,	0. 1847,	
558	0. 1710,	0. 1381,	0. 0915, -0. 1212	0. 0377,	-0. 0161, -0. 1166	
559	-0. 0637, -0. 0036	-0.0999, -0.0612	-0. 1213,	-0. 1267,	-0. 1166,	
560 561	-0. 0936,	-0.0613,	-0. 0243,	0. 0127,	0.0453,	
561	0.0699,	0.0842,	0.0874,	0.0799,	0.0635,	

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562	0.0408,	0.0152,	-0.0102,	-0.0323,	-0.0488,	
563	-0.0582,	-0.0599,	-0.0545,	-0.0430,	-0.0273,	
564	-0.0096,	0.0078,	0.0229,	0.0341,	0.0403,	
565	0.0413,	0.0372,	0.0291,	0.0181,	0.0059,	
566	-0.0060,	-0.0163,	-0.0238,	-0.0279,	-0.0283,	
567	-0.0254,	-0.0197,	-0.0121,	-0.0037,	0.0045,	
568	0.0115,					
569						
570						
571	第0點加速度	序列				
572	-0.5000,	-0.4341,	-0.3201,	-0.1748,	-0.0186,	
573	0. 1276,	0.2460,	0.3239,	0.3555,	0.3416,	
574	0.2885,	0.2067,	0.1082,	0.0058,	-0.0890,	
575	-0.1663,	-0.2188,	-0.2420,	-0.2351,	-0.2006,	
576	-0.1443,	-0.0746,	-0.0010,	0.0669,	0.1209,	
577	0.1557,	0.1686,	0.1603,	0.1337,	0.0939,	
578	0.0466,	-0.0021,	-0.0467,	-0.0825,	-0.1060,	
579	-0.1153,	-0.1104,	-0.0926,	-0.0649,	-0.0315,	
580	0.0031,	0.0346,	0.0593,	0.0748,	0.0799,	
581	0.0751,	0.0619,	0.0425,	0.0198,	-0.0033,	
582	-0.0242,	-0.0407,	-0.0512,	-0.0548,	-0.0517,	
583	-0.0426,	-0.0291,	-0.0131,	0.0032,	0.0178,	
584	0.0290,	0.0359,	0.0379,	0.0352,	0.0286,	
585	0.0192,	0.0083,	-0.0027,	-0.0125,	-0.0200,	
586	-0.0247,	-0.0260,	-0.0242,	-0.0196,	-0.0130,	
587	-0.0054,	0.0023,	0.0091,	0.0142,	0.0172,	
588	0.0179,	0.0164,	0.0132,	0.0086,	0.0034,	
589	-0.0018,	-0.0064,	-0.0098,	-0.0119,	-0.0123,	
590	-0.0113,	-0.0090,	-0.0058,	-0.0022,	0.0014,	
591	0.0046,	0.0069,	0.0082,	0.0085,	0.0077,	
592	0.0060,					
593		ا جو مخا				
594	第1點加速度		0.0050	0.0405	0.0400	
595	-1.0000,		-0.6278,			
596				0.7022,		
597			0. 2324,			
598	· · · · · · · · · · · · · · · · · · ·	-0.4435,				
599	-0. 2855,	•	-0.0060,	0. 1261,	0. 2331,	
600	•		0. 3229,		0. 1951,	
601	•	-0.0008,	-0.0928,			
602	-0. 2316,	•	-0. 1843,			
603		0.0659,	0. 1152,	0. 1471,		
604	0. 1514,		0.0879,	0.0421,		
605	-0.0481,			-0.1099,		
606	•	-0.0584,		0.0052,		
607	0.0567,	0.0709,		0.0709,		
608	u. u395,	0.0176,	-0.0047,	-0.0247,	-0.0400,	

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                                           -0.0393,
                                                       -0.0262,
609
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610
       -0.0112,
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611
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                                0.0268,
                                            0.0177,
                                                        0.0072,
612
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                   -0.0126,
                               -0.0196,
                                           -0.0237,
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                                0.0164,
                                            0.0170,
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615
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616
617
    請按任意鍵繼續 . . .
618
619
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620
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