```
1 // J. L. Humar, "Dynamics of Structures", 第502-504頁。
 2 // 以未定係數法求特別解yp(t),無需再使用複數特徵值和特徵向量,結果 ➤
     一定是【實數值】。
 3
 4 //
      ***
              修正已知條件如下:
       M * yp(t)'' + C * yp(t)' + K * yp(t) = f(t)
 5 //
       yp(t) = B0 * U(t) 且 U(t) 的週期是2秒,為已知條件。
   // 可求得f(t) = Bf * U(t)。
 8
 9 // B0 = \{ \{5, 0, -1, 0\}, \{0, 0, 1, 1\} \}
10 // U(t) = \{ \{\cos(0.1*t)\}, \{\sin(0.1*t)\}, \{t\} \{1\} \}
11
12 // yp(t) = B0 * U(t) = \{\{5, 0, -1, 0\}, \{0, 0, 1, 1\}\} * U(t)
       yp'(t) = B1 * U(t) = \{\{0, -0.5, 0, -1\}, \{0, 0, 0, 1\}\} * U(t)
14 // yp''(t) = B2 * U(t) = \{\{-0.05, 0, 0, 0\}, \{0, 0, 0, 0\}\} * U(t)
15 // f(t) = Bf * U(t) = \{\{14.9, -0.2, 4, -1.45\}, \{-5, 0.025, 2, -1.45\}\}
     1.25} * U(t)
16
17 using System;
18 using Matrix 0;
19
20 namespace ConsoleApp6P
21 {
22
       internal class Program
23
24
           static void Main(string[] args)
25
26
   doub1e[,] M = \{\{2, 0\}, \{0, 1\}\};
27
   double[,] C = \{\{0.4, -0.05\}, \{-0.05, 0.2\}\};
29 double[,] K = \{\{3, -1\}, \{-1, 1\}\}\};
30
   double[,] B0 = \{\{5, 0, -1, 0\}, \{0, 0, 1, 1\}\};
32 double[,] B1 = \{\{0, -0.5, 0, -1\}, \{0, 0, 0, 1\}\};
33 double[,] B2 = \{\{-0.05, 0, 0, 0\}, \{0, 0, 0, 0\}\};
34 ReMatrix Bf = (ReMatrix)M * B2 + (ReMatrix)C * B1 + (ReMatrix)K *
     B0;
35
36 // 印出 Bf 矩陣和外力 f(t) = Bf * U(t)
37 // Console. WriteLine ("\nBf : \n{0}", new PR(Bf));
38 // Console. WriteLine ("f(t) = Bf * Ut(t)\n");
39
40 \text{ double step} = 0.5;
41 int iRow = (int) (50 / step + 1);
42 int iCo1 = 2 + 1;
```

```
43
44 ReMatrix Ft = new ReMatrix(iRow, iCol);
45 ReMatrix Disp = new ReMatrix(iRow, iCol);
46 ReMatrix Vel = new ReMatrix(iRow, iCol);
47 ReMatrix Acc = new ReMatrix(iRow, iCol);
48
49 for (int i = 0; i != iRow; i++)
50 {
51
       double t = step * i;
       // 週期 T = 2秒, 即除數是 2 。
52
53
       Remainder rem = new Remainder (t, 2);
54
       double tr = rem. Value;
55
56
       double p0 = Math. Cos(0.1 * tr);
       double p1 = Math. Sin(0.1 * tr);
57
58
       double p2 = tr;
59
       double p3 = 1;
       double[,] Ut = \{\{p0\}, \{p1\}, \{p2\}, \{p3\}\};
60
61
62
       // 設yp(t) = B0 * Ut(t) 為已知, 求 f(t) = Bf * Ut
63
       ReMatrix ft = Bf * Ut;
64
       Ft.Matrix[i, 0] = t;
65
       Ft.Matrix[i, 1] = ft.Matrix[0, 0];
66
       Ft. Matrix[i, 2] = ft. Matrix[1, 0];
67
68
       double[,] Y = (ReMatrix)B0 * Ut;
69
       double[,] Ydot = (ReMatrix)B1 * Ut;
70
71
       double[,] Yddot = (ReMatrix)B2 * Ut;
72
73
       Acc. Matrix[i, 0] = t;
74
       Acc. Matrix[i, 1] = Yddot[0, 0];
75
       Acc. Matrix[i, 2] = Yddot[1, 0];
76
77
       Vel. Matrix[i, 0] = t;
       Vel. Matrix[i, 1] = Ydot[0, 0];
78
       Vel. Matrix[i, 2] = Ydot[1, 0];
79
80
       Disp. Matrix[i, 0] = t;
81
       Disp. Matrix[i, 1] = Y[0, 0];
82
       Disp. Matrix[i, 2] = Y[1, 0];
83
84 }
85
86 // 特別解(Particular Solution)的部分,不包含齊次解(Homogeneous)的部 >
     分。
```

```
87
88 // 列印Ft之外力(Exciting Action)。
89 Console. Write ("
                            *****
                                       外力Ft *******\n\n"):
 90 Console. Write ("
                          時間(秒)
                                          第0點
                                                        第1點\n
      n'');
 91 Console. Write (new PR(Ft));
92
93 // 列印時間與外力等序列
94 Console. Write ("\n時間序列\n{0}\n", new PR4(Ft, 0));
 95 Console. Write ("第0點外力序列\n{0}\n", new PR4(Ft, 1));
 96 Console. Write("第1點外力序列\n{0}\n", new PR4(Ft, 2));
97
98 // 列印空間節點之響應值(變位,速度,和加速)。
99 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));
100
    Console. Write ("\n{0,5}***速度反應量***{0,5}\n{0,8} 時間(秒)"+
101
       "{0,8}第0點速度{0,8}第1點速度\n\n{1}", "", new PR(Ve1));
102
103 Console. Write ("\n***{0,5}加速度反應量{0,5}***\n{0,8}時間(秒)"+
       "{0,8}第0點加速度{0,7}第1點加速度\n\n{1}", "", new PR(Acc));
104
105
106 // 列印時間、節點變位、速度、和加速度等序列。
107 Console. Write("\n時間序列\n{0}\n", new PR4(Disp, 0));
108 Console. Write ("\n第0點變位序列\n{0}\n", new PR4(Disp, 1));
109 Console. Write ("\n第1點變位序列\n{0}\n", new PR4(Disp, 2));
110 Console. Write("\n第0點速度序列\n{0}\n", new PR4(Vel, 1));
111 Console. Write ("\n第1點速度序列\n{0}\n", new PR4(Vel, 2));
112 Console. Write("\n第0點加速度序列\n{0}\n", new PR4(Acc, 1));
113 Console. Write ("\n第1點加速度序列\n{0}\n", new PR4(Acc, 2));
114 Console. Write ("\n\n");
115
116
117
118 }
119
120 /* 執行後之結果如下:
                         外力Ft *******
121
              *****
122
            時間(秒)
                            第0點
                                           第1點
123
                          13.45000
           0.00000
                                         -3.75000
124
           0.50000
                          11.42138
                                         -2.74250
125
           1.00000
                           9.35560
                                         -1.72252
126
           1.50000
                           7. 25280
                                         -0.69012
127
           2.00000
                           5. 11326
                                          0.35463
128
           2.50000
                          11.42138
                                         -2.74250
129
           3.00000
                           9.35560
                                         -1.72252
130
           3.50000
                           7. 25280
                                         -0.69012
```

7. 25280

13.45000

-0.69012

-3.75000

174

175

25. 50000

26.00000

4

C:\2302\M1sc_10\ConsoleAppor\Program.cs						
	176	26. 50000	11. 42138	-2.74250		
	177	27. 00000	9.35560	-1.72252		
	178	27. 50000	7. 25280	-0.69012		
	179	28. 00000	13. 45000	-3.75000		
	180	28. 50000	11. 42138	-2.74250		
	181	29. 00000	9.35560	-1.72252		
	182	29. 50000	7. 25280	-0.69012		
	183	30.00000	13. 45000	-3.75000		
	184	30. 50000	11. 42138	-2.74250		
	185	31.00000	9.35560	-1.72252		
	186	31. 50000	7. 25280	-0.69012		
	187	32.00000	13. 45000	-3.75000		
	188	32. 50000	11. 42138	-2.74250		
	189	33.00000	9.35560	-1.72252		
	190	33. 50000	7. 25280	-0.69012		
	191	34. 00000	13. 45000	-3.75000		
	192	34. 50000	11. 42138	-2.74250		
	193	35. 00000	9.35560	-1.72252		
	194	35. 50000	7. 25280	-0.69012		
	195	36.00000	13. 45000	-3.75000		
	196	36. 50000	11. 42138	-2.74250		
	197	37. 00000	9.35560	-1.72252		
	198	37. 50000	7. 25280	-0.69012		
	199	38.00000	13. 45000	-3.75000		
	200	38. 50000	11. 42138	-2.74250		
	201	39.00000	9.35560	-1.72252		
	202	39. 50000	7. 25280	-0.69012		
	203	40.00000	13. 45000	-3.75000		
	204	40. 50000	11. 42138	-2.74250		
	205	41.00000	9.35560	-1.72252		
	206	41. 50000	7. 25280	-0.69012		
	207	42.00000	13. 45000	-3.75000		
	208	42. 50000	11. 42138	-2.74250		
	209	43.00000	9.35560	-1. 72252		
	210	43. 50000	7. 25280	-0.69012		
	211	44.00000	13. 45000	-3.75000		
	212	44. 50000	11. 42138	-2.74250		
	213	45. 00000	9.35560	-1. 72252		
	214	45. 50000	7. 25280	-0.69012		
	215	46.00000	13. 45000	-3.75000		
	216	46. 50000	11. 42138	-2. 74250		
	217	47. 00000	9.35560	-1.72252		
	218	47. 50000	7. 25280	-0.69012		
	219	48. 00000	13. 45000	-3. 75000		
	220	48. 50000	11. 42138	-2. 74250		

$C: \setminus 2$	C:\2302\Misc_10\ConsoleApp6P\Program.cs						
221	49.0	0000	9. 35560	-1.	72252		
222	49.5	0000	7. 25280	-0.	69012		
223	50.0	0000	13.45000	-3.	75000		
224							
225	時間序列						
226	0.0000,	0.5000,	1.0000,	1.5000,	2.0000,		
227	2.5000,	3.0000,	3.5000,	4.0000,	4.5000,		
228	5.0000,	5.5000,	6.0000,	6.5000,	7.0000,		
229	7.5000,	8.0000,	8.5000,	9.0000,	9.5000,		
230	10.0000,	10.5000,	11.0000,	11. 5000,	12.0000,		
231	12.5000,	13.0000,	13. 5000,	14.0000,	14. 5000,		
232	15.0000,	15. 5000,	16.0000,	16. 5000,	17.0000,		
233	17.5000,	18.0000,	18. 5000,	19.0000,	19.5000,		
234	20.0000,	20.5000,	21.0000,	21. 5000,	22.0000,		
235	22.5000,	23.0000,	23. 5000,	24.0000,	24. 5000,		
236	25.0000,	25. 5000,	26.0000,	26. 5000,	27.0000,		
237	27. 5000,	28.0000,	28. 5000,	29.0000,	29. 5000,		
238	30.0000,	30. 5000,	31.0000,	31. 5000,	32.0000,		
239	32. 5000,	33.0000,	33. 5000,	34.0000,	34. 5000,		
240	35.0000,	35. 5000,	36.0000,	36. 5000,	37.0000,		
241	37. 5000,	38.0000,	38. 5000,	39.0000,	39. 5000,		
242	40.0000,	40. 5000,	41.0000,	41. 5000,	42.0000,		
243	42. 5000,	43.0000,	43. 5000,	44.0000,	44. 5000,		
244	45. 0000,	45. 5000,	46.0000,	46. 5000,	47. 0000,		
245	47. 5000,	48.0000,	48. 5000,	49.0000,	49. 5000,		
246	50.0000,						
247	然 OM L 却 上 🚖	ᇳ					
248	第0點外力序		0.2556	7 0500	E 1100		
249		11. 4214,	9. 3556,	7. 2528,	5. 1133,		
250			7. 2528,				
251			13. 4500,				
252	7. 2528,			9. 3556,			
253	13. 4500,		9. 3556,				
254255			7. 2528, 13. 4500,				
256 256	9. 3550, 7. 2528,			9. 3556,			
257	13. 4500,		9. 3556,	•	*		
258			7. 2528,				
259			13. 4500,				
260	9. 3550, 7. 2528,			9. 3556,			
261	13. 4500,		9. 3556,				
262			9. 3550, 7. 2528,				
263			13. 4500,				
264	7. 2528,			9. 3556,			
265	13. 4500,		9. 3556,				
200	10. 1000,	11. 7417,	J. JJJU,	1. 4040,	10. 1000,		

```
9.3556,
                                 7.2528,
                                             13.4500,
                                                         11.4214,
266
       11.4214,
                                13.4500,
267
        9.3556,
                     7. 2528,
                                            11. 4214,
                                                          9. 3556,
        7. 2528,
                    13.4500,
                                11.4214,
                                             9.3556,
                                                          7.2528,
268
269
       13.4500,
270
271
     第1點外力序列
272
       -3.7500,
                   -2.7425,
                                -1.7225,
                                            -0.6901,
                                                          0.3546,
273
       -2.7425,
                   -1.7225,
                                -0.6901,
                                            -3.7500,
                                                         -2.7425,
       -1.7225,
                                            -2.7425,
                                                         -1.7225,
274
                   -0.6901,
                                -3.7500,
275
       -0.6901,
                   -3.7500,
                                -2.7425,
                                            -1.7225,
                                                         -0.6901,
276
       -3.7500,
                   -2.7425,
                                -1.7225,
                                            -0.6901,
                                                         -3.7500,
       -2.7425,
                   -1.7225,
                                                         -2.7425,
277
                                -0.6901,
                                            -3.7500,
       -1.7225,
                   -0.6901,
                                -3.7500,
                                            -2.7425,
                                                         -1.7225,
278
279
       -0.6901,
                                            -1.7225,
                                                         -0.6901,
                   -3.7500,
                                -2.7425,
280
       -3.7500,
                   -2.7425,
                                -1.7225,
                                            -0.6901,
                                                         -3.7500,
       -2.7425,
                   -1.7225,
                                -0.6901,
                                            -3.7500,
                                                         -2.7425,
281
282
       -1.7225,
                   -0.6901,
                                -3.7500,
                                            -2.7425,
                                                         -1.7225,
                   -3.7500,
       -0.6901,
                                -2.7425,
                                            -1.7225,
                                                         -0.6901,
283
       -3.7500,
                   -2.7425,
                                -1.7225,
                                            -0.6901,
                                                         -3.7500,
284
                                                         -2.7425,
285
       -2.7425,
                   -1.7225,
                                -0.6901,
                                            -3.7500,
                                -3.7500,
286
       -1.7225,
                   -0.6901,
                                            -2.7425,
                                                         -1.7225,
       -0.6901,
                   -3.7500,
                                -2.7425,
                                            -1.7225,
                                                         -0.6901,
287
288
       -3.7500,
                   -2.7425,
                                -1.7225,
                                            -0.6901,
                                                         -3.7500,
       -2.7425,
                   -1.7225,
                                            -3.7500,
                                                         -2.7425,
289
                                -0.6901,
                                            -2.7425,
290
       -1.7225,
                   -0.6901,
                                -3.7500,
                                                         -1.7225,
291
       -0.6901,
                   -3.7500,
                                -2.7425,
                                            -1.7225,
                                                         -0.6901,
       -3.7500,
292
293
294
          ***位移反應量***
              時間(秒)
                                第0點位移
                                                   第1點位移
295
296
              0.00000
                                 5.00000
                                                    1.00000
              0.50000
                                 4.49375
                                                    1.50000
297
298
              1.00000
                                 3.97502
                                                    2.00000
299
              1.50000
                                 3.44386
                                                    2.50000
300
              2.00000
                                 2.90033
                                                    3.00000
301
              2.50000
                                 4.49375
                                                    1.50000
302
              3.00000
                                 3.97502
                                                    2.00000
303
              3.50000
                                 3.44386
                                                    2.50000
304
              4.00000
                                 5.00000
                                                    1.00000
              4.50000
                                 4.49375
                                                    1.50000
305
              5.00000
                                 3.97502
                                                    2.00000
306
              5.50000
                                 3.44386
                                                    2.50000
307
              6.00000
                                 5.00000
308
                                                    1.00000
              6.50000
                                 4.49375
                                                    1.50000
309
310
              7.00000
                                 3.97502
                                                    2.00000
```

C:\2302\Misc_10\ConsoleAppor\Program.cs						
311	7. 50000	3. 44386	2.50000			
312	8.00000	5.00000	1.00000			
313	8.50000	4. 49375	1.50000			
314	9.00000	3.97502	2.00000			
315	9.50000	3. 44386	2.50000			
316	10.00000	5.00000	1.00000			
317	10.50000	4. 49375	1.50000			
318	11.00000	3.97502	2.00000			
319	11.50000	3. 44386	2.50000			
320	12.00000	5.00000	1.00000			
321	12. 50000	4. 49375	1.50000			
322	13.00000	3.97502	2.00000			
323	13. 50000	3. 44386	2.50000			
324	14.00000	5.00000	1.00000			
325	14. 50000	4. 49375	1.50000			
326	15.00000	3.97502	2.00000			
327	15. 50000	3. 44386	2.50000			
328	16.00000	5.00000	1.00000			
329	16. 50000	4. 49375	1.50000			
330	17.00000	3.97502	2.00000			
331	17.50000	3. 44386	2.50000			
332	18.00000	5.00000	1.00000			
333	18. 50000	4. 49375	1.50000			
334	19.00000	3.97502	2.00000			
335	19.50000	3. 44386	2.50000			
336	20.00000	5.00000	1.00000			
337	20. 50000	4. 49375	1.50000			
338	21.00000	3.97502	2.00000			
339	21.50000	3.44386	2.50000			
340	22.00000	5.00000	1.00000			
341	22. 50000	4. 49375	1.50000			
342	23. 00000	3. 97502	2.00000			
343	23. 50000	3. 44386	2. 50000			
344	24. 00000	5.00000	1.00000			
345	24. 50000	4. 49375	1.50000			
346	25. 00000	3. 97502	2.00000			
347	25. 50000	3. 44386	2. 50000			
348	26. 00000	5. 00000	1.00000			
349	26. 50000	4. 49375	1.50000			
350	27. 00000	3. 97502	2.00000			
351	27. 50000	3. 44386	2. 50000			
352	28. 00000	5.00000	1.00000			
353	28. 50000	4. 49375	1.50000			
354	29. 00000	3. 97502	2.00000			
355	29. 50000	3. 44386	2.50000			

C:\2302\Misc_10\ConsoleAppor\Program.cs						
356	30.00000	5.00000	1.00000			
357	30. 50000	4. 49375	1.50000			
358	31.00000	3.97502	2.00000			
359	31.50000	3 . 44386	2.50000			
360	32.00000	5.00000	1.00000			
361	32. 50000	4. 49375	1.50000			
362	33.00000	3.97502	2.00000			
363	33. 50000	3. 44386	2.50000			
364	34.00000	5.00000	1.00000			
365	34. 50000	4. 49375	1.50000			
366	35.00000	3.97502	2.00000			
367	35. 50000	3.44386	2.50000			
368	36.00000	5.00000	1.00000			
369	36. 50000	4. 49375	1.50000			
370	37.00000	3.97502	2.00000			
371	37. 50000	3. 44386	2.50000			
372	38.00000	5.00000	1.00000			
373	38. 50000	4. 49375	1.50000			
374	39.00000	3.97502	2.00000			
375	39. 50000	3. 44386	2.50000			
376	40.00000	5.00000	1.00000			
377	40.50000	4. 49375	1.50000			
378	41.00000	3.97502	2.00000			
379	41.50000	3. 44386	2.50000			
380	42.00000	5.00000	1.00000			
381	42.50000	4. 49375	1.50000			
382	43.00000	3.97502	2.00000			
383	43.50000	3. 44386	2.50000			
384	44.00000	5.00000	1.00000			
385	44. 50000	4. 49375	1.50000			
386	45.00000	3.97502	2.00000			
387	45.50000	3 . 44386	2.50000			
388	46.00000	5.00000	1.00000			
389	46.50000	4. 49375	1.50000			
390	47.00000	3.97502	2.00000			
391	47. 50000	3 . 44386	2.50000			
392	48.00000	5.00000	1.00000			
393	48. 50000	4. 49375	1.50000			
394	49.00000	3.97502	2.00000			
395	49.50000	3 . 44386	2.50000			
396	50.00000	5.00000	1.00000			
397						
398	***速度反應量**					
399	時間(秒)	第0點速度	第1點速度			
400	0.00000	-1.00000	1.00000			

$C: \backslash Z_i$	3UZ\M1sc_1U\ConsoleAp	pop (Program. cs		
401	0.50000	-1.02499	1.00000	
402	1.00000	-1.04992	1.00000	
403	1.50000	-1.07472	1.00000	
404	2.00000	-1.09933	1.00000	
405	2.50000	-1.02499	1.00000	
406	3.00000	-1.04992	1.00000	
407	3.50000	-1.07472	1.00000	
408	4.00000	-1.00000	1.00000	
409	4.50000	-1.02499	1.00000	
410	5.00000	-1.04992	1.00000	
411	5.50000	-1.07472	1.00000	
412	6.00000	-1.00000	1.00000	
413	6.50000	-1.02499	1.00000	
414	7.00000	-1.04992	1.00000	
415	7.50000	-1.07472	1.00000	
416	8.00000	-1.00000	1.00000	
417	8.50000	-1.02499	1.00000	
418	9.00000	-1.04992	1.00000	
419	9.50000	-1.07472	1.00000	
420	10.00000	-1.00000	1.00000	
421	10.50000	-1.02499	1.00000	
422	11.00000	-1.04992	1.00000	
423	11.50000	-1.07472	1.00000	
424	12.00000	-1.00000	1.00000	
425	12.50000	-1.02499	1.00000	
426	13.00000	-1.04992	1.00000	
427	13.50000	-1.07472	1.00000	
428	14.00000	-1.00000	1.00000	
429	14. 50000	-1.02499	1.00000	
430	15.00000	-1.04992	1.00000	
431	15. 50000	-1.07472	1.00000	
432	16.00000	-1.00000	1.00000	
433	16. 50000	-1.02499	1.00000	
434	17.00000	-1.04992	1.00000	
435	17. 50000	-1.07472	1.00000	
436	18.00000	-1.00000	1.00000	
437	18. 50000	-1.02499	1.00000	
438	19.00000	-1.04992	1.00000	
439	19.50000	-1.07472	1.00000	
440	20.00000	-1.00000	1.00000	
441	20.50000	-1.02499	1.00000	
442	21.00000	-1.04992	1.00000	
443	21.50000	-1.07472	1.00000	
444	22.00000	-1.00000	1.00000	
445	22. 50000	-1.02499	1.00000	

C. \2302\MIS	c_ro/consoreappor	\r10g1alli, CS	
446	23.00000	-1.04992	1.00000
447	23. 50000	-1.07472	1.00000
448	24. 00000	-1.00000	1.00000
449	24. 50000	-1.02499	1.00000
450	25. 00000	-1.04992	1.00000
451	25. 50000	-1.07472	1.00000
452	26.00000	-1.00000	1.00000
453	26. 50000	-1.02499	1.00000
454	27.00000	-1.04992	1.00000
455	27. 50000	-1.07472	1.00000
456	28.00000	-1.00000	1.00000
457	28. 50000	-1.02499	1.00000
458	29.00000	-1.04992	1.00000
459	29. 50000	-1.07472	1.00000
460	30.00000	-1.00000	1.00000
461	30. 50000	-1.02499	1.00000
462	31.00000	-1.04992	1.00000
463	31. 50000	-1.07472	1.00000
464	32.00000	-1.00000	1.00000
465	32. 50000	-1.02499	1.00000
466	33.00000	-1.04992	1.00000
467	33. 50000	-1.07472	1.00000
468	34.00000	-1.00000	1.00000
469	34. 50000	-1.02499	1.00000
470	35.00000	-1.04992	1.00000
471	35. 50000	-1.07472	1.00000
472	36.00000	-1.00000	1.00000
473	36. 50000	-1.02499	1.00000
474	37.00000	-1.04992	1.00000
475	37. 50000	-1.07472	1.00000
476	38.00000	-1.00000	1.00000
477	38. 50000	-1.02499	1.00000
478	39.00000	-1.04992	1.00000
479	39. 50000	-1.07472	1.00000
480	40.00000	-1.00000	1.00000
481	40.50000	-1.02499	1.00000
482	41.00000	-1.04992	1.00000
483	41.50000	-1.07472	1.00000
484	42.00000	-1.00000	1.00000
485	42. 50000	-1.02499	1.00000
486	43.00000	-1.04992	1.00000
487	43.50000	-1.07472	1.00000
488	44.00000	-1.00000	1.00000
489	44. 50000	-1.02499	1.00000
490	45.00000	-1.04992	1.00000

U:\2	C:\Z3UZ\M1sc_1U\ConsoleAppoP\Program.cs							
491	45. 50000	-1.07472	1.00000					
492	46.00000	-1.00000	1.00000					
493	46. 50000	-1.02499	1.00000					
494	47.00000	-1.04992	1.00000					
495	47. 50000	-1.07472	1.00000					
496	48.00000	-1.00000	1.00000					
497	48. 50000	-1.02499	1.00000					
498	49.00000	-1.04992	1.00000					
499	49. 50000	-1.07472	1.00000					
500	50.00000	-1.00000	1.00000					
501								
502	*** 加速度反應量	***						
503	時間(秒)	第0點加速度	第1點加速度					
504	0.00000	-0.05000	0.00000					
505	0.50000	-0.04994	0.00000					
506	1.00000	-0.04975	0.00000					
507	1.50000	-0.04944	0.00000					
508	2.00000	-0.04900	0.00000					
509	2.50000	-0.04994	0.00000					
510	3.00000	-0.04975	0.00000					
511	3.50000	-0.04944	0.00000					
512	4.00000	-0.05000	0.00000					
513	4.50000	-0.04994	0.00000					
514	5.00000	-0.04975	0.00000					
515	5. 50000	-0.04944	0.00000					
516	6.00000	-0.05000	0.00000					
517	6. 50000	-0.04994	0.00000					
518	7. 00000	-0.04975	0.00000					
519	7. 50000	-0.04944	0.00000					
520	8.00000	-0.05000	0.00000					
521	8. 50000	-0.04994	0.00000					
522	9.00000	-0.04975	0.00000					
523	9.50000	-0.04944	0.00000					
524	10.00000	-0.05000	0.00000					
525	10.50000	-0.04994	0.00000					
526	11.00000	-0.04975	0.00000					
527	11.50000	-0.04944	0.00000					
528	12.00000	-0.05000	0.00000					
529	12.50000	-0.04994	0.00000					
530	13.00000	-0.04975	0.00000					
531	13.50000	-0.04944	0.00000					
532	14.00000	-0.05000	0.00000					
533	14.50000	-0.04994	0.00000					
534	15.00000	-0.04975	0.00000					
535	15. 50000	-0.04944	0.00000					

C. \2302\MIS	c_ro/consoreappor	\r10g1am. cs	
536	16.00000	-0.05000	0.00000
537	16. 50000	-0.04994	0.00000
538	17.00000	-0.04975	0.00000
539	17. 50000	-0.04944	0.00000
540	18.00000	-0.05000	0.00000
541	18. 50000	-0.04994	0.00000
542	19.00000	-0.04975	0.00000
543	19.50000	-0.04944	0.00000
544	20.00000	-0.05000	0.00000
545	20. 50000	-0.04994	0.00000
546	21.00000	-0.04975	0.00000
547	21. 50000	-0.04944	0.00000
548	22.00000	-0.05000	0.00000
549	22. 50000	-0.04994	0.00000
550	23. 00000	-0.04975	0.00000
551	23. 50000	-0.04944	0.00000
552	24. 00000	-0.05000	0.00000
553	24. 50000	-0.04994	0.00000
554	25. 00000	-0.04975	0.00000
555	25. 50000	-0.04944	0.00000
556	26. 00000	-0.05000	0.00000
557	26. 50000	-0.04994	0.00000
558	27. 00000	-0.04975	0.00000
559	27. 50000	-0.04944	0.00000
560	28. 00000	-0.05000	0.00000
561	28. 50000	-0.04994	0.00000
562	29. 00000	-0.04975	0.00000
563	29. 50000	-0.04944	0.00000
564	30.00000	-0.05000	0.00000
565	30. 50000	-0.04994	0.00000
566	31.00000	-0.04975	0.00000
567	31. 50000	-0.04944	0.00000
568	32.00000	-0.05000	0.00000
569	32. 50000	-0.04994	0.00000
570	33.00000	-0.04975	0.00000
571	33. 50000	-0.04944	0.00000
572	34.00000	-0.05000	0.00000
573	34. 50000	-0.04994	0.00000
574	35.00000	-0.04975	0.00000
575	35. 50000	-0.04944	0.00000
576	36.00000	-0.05000	0.00000
577	36. 50000	-0.04994	0.00000
578	37.00000	-0.04975	0.00000
579	37. 50000	-0.04944	0.00000
580	38.00000	-0.05000	0.00000

(J. \Z	302 \MISC_10	Consoread	por (rrogra.	III. CS		
Ę	581	38. 5	50000	-0.0499	94	0.00000	
Ę	582	39.0	00000	-0.0497	75	0.00000	
Ę	583	39.5	00000	-0.0494	14	0.00000	
Ę	584	40.0	00000	-0.0500	00	0.00000	
Ę	585	40.5	00000	-0.0499)4	0.00000	
Ę	586	41.0	00000	-0.0497	75	0.00000	
Ę	587	41.5	50000	-0.0494	14	0.00000	
Ę	588	42.0	00000	-0.0500	00	0.00000	
Ę	589	42.5	50000	-0.0499	94	0.00000	
Ę	590	43.0	00000	-0.0497	75	0.00000	
Ę	591	43.5	50000	-0.0494	14	0.00000	
Ę	592		00000	-0.0500		0.00000	
	593		50000	-0.0499		0.00000	
	594		00000	-0.0497		0.00000	
	595		50000	-0.0494		0.00000	
	596		00000	-0.0500		0.00000	
	597		50000	-0.0499		0.00000	
	598		00000	-0.0497		0.00000	
	599		50000	-0.0494		0.00000	
6	600	48.0	00000	-0.0500	00	0.00000	
	601		50000	-0.0499		0.00000	
	502		00000	-0.0497		0.00000	
	603		50000	-0.0494		0.00000	
	604		00000	-0.0500		0.00000	
6	305						
6	606	時間序列					
6	607	0.0000,	0.5000,	1.0000,	1.5000,	2.0000,	
6	808	2.5000,	3.0000,	3.5000,	4.0000,	4.5000,	
6	609	5.0000,	5.5000,	6.0000,	6.5000,	7.0000,	
6	310	7.5000,	8.0000,	8.5000,	9.0000,	9.5000,	
6	311	10.0000,	10.5000,	11.0000,	11.5000,	12.0000,	
6	512	12.5000,	13.0000,	13.5000,	14.0000,	14.5000,	
6	313	15.0000,	15.5000,	16.0000,	16.5000,	17.0000,	
6	314	17.5000,	18.0000,	18.5000,	19.0000,	19.5000,	
6	315	20.0000,	20.5000,	21.0000,	21.5000,	22.0000,	
6	316	22.5000,	23.0000,	23.5000,	24.0000,	24.5000,	
6	617	25.0000,	25.5000,	26.0000,	26.5000,	27.0000,	
6	518	27.5000,	28.0000,	28.5000,	29.0000,	29.5000,	
6	319	30.0000,	30.5000,	31.0000,	31.5000,	32.0000,	
6	520	32.5000,	33.0000,	33.5000,	34.0000,	34.5000,	
6	521	35.0000,	35. 5000,	36.0000,	36.5000,	37.0000,	
6	522	37. 5000,	38.0000,	38.5000,	39.0000,	39.5000,	
	523	40.0000,	40.5000,	41.0000,	41.5000,	42.0000,	
	524	42. 5000,	43.0000,	43.5000,	44.0000,	44. 5000,	
	525	45.0000,	45. 5000,	46.0000,	46. 5000,	47.0000,	
		,			,	•	

C:\2	C:\2302\Misc_10\Conso1eApp6P\Program.cs						
626			48.5000,		49.5000,		
627	50.0000,						
628							
629	第0點變位序	列					
630	5.0000,	4. 4938,	3.9750,	3.4439,	2.9003,		
631	4. 4938,	3.9750,	3. 4439,	5.0000,	4. 4938,		
632	3. 9750,	3. 4439,	5.0000,	4. 4938,	3.9750,		
633	3. 4439,	5.0000,	4. 4938,	3.9750,	3.4439,		
634	5.0000,	4. 4938,	3.9750,	3. 4439,	5.0000,		
635	4. 4938,	3. 9750,	3. 4439,	5.0000,	4. 4938,		
636	3. 9750,	3.4439,	5.0000,	4. 4938,	3. 9750,		
637	3. 4439,	5.0000,	4. 4938,	3.9750,	3. 4439,		
638	5.0000,	4. 4938,	3.9750,	3. 4439,	5.0000,		
639	4. 4938,	3. 9750,	3. 4439,	5.0000,	4. 4938,		
640	3. 9750,	3. 4439,	5.0000,	4. 4938,	3.9750,		
641	3. 4439,	5.0000,	4. 4938,	3. 9750,	3. 4439,		
642	5.0000,	4. 4938,	3. 9750,	3. 4439,	5.0000,		
643	4. 4938,	3. 9750,	3. 4439,	5.0000,	4. 4938,		
644	3. 9750,	3. 4439,	5.0000,	4. 4938,	3.9750,		
645	3. 4439,	5.0000,	4. 4938,	3. 9750,	3. 4439,		
646	5.0000,	4. 4938,	3. 9750,	3. 4439,	5.0000,		
647	4. 4938,	3. 9750,	3. 4439,	5.0000,	4. 4938,		
648	3. 9750,	3. 4439,	5. 0000,	4. 4938,	3. 9750,		
649	3. 4439,	5.0000,	4. 4938,	3.9750,	3. 4439,		
650	5.0000,						
651	소소 - 메트 4분4 /) . 근	· =: 1					
652	第1點變位序		0.0000	0.5000	0.0000		
653		1. 5000,	2.0000,	2.5000,			
654	1. 5000,	2.0000,	2. 5000,	1.0000,	1. 5000,		
655	•	2. 5000,	*	1.5000,			
656		1.0000,		2.0000,	•		
657			2.0000,				
658		2.0000,			1.5000,		
659		2. 5000,			2.0000,		
660			1.5000,		2. 5000,		
661			2.0000,		1.0000,		
662	1. 5000,				1.5000,		
663		2. 5000,			2.0000,		
664		1.0000,			2. 5000,		
665			2.0000,		1.0000,		
666 667	1. 5000,				1.5000,		
667		2. 5000,	1. 5000, 1. 5000,	1.5000,			
668					2. 5000, 1. 0000,		
669			2.0000,				
670	1.5000,	2.0000,	2.5000,	1.0000,	1.5000,		

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2.0000,
                    2.5000,
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671
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672
        2. 5000,
        1.0000,
673
674
675
     第0點速度序列
                   -1.0250,
                                          -1.0747
676
       -1.0000,
                              -1.0499,
                                                      -1.0993,
677
       -1.0250,
                   -1.0499,
                              -1.0747,
                                          -1.0000,
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678
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                   -1.0747,
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                                                      -1.0499,
679
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                   -1.0000,
                              -1.0250,
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                                                      -1.0747,
680
       -1.0000,
                   -1.0250,
                              -1.0499,
                                          -1.0747,
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                   -1.0499,
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681
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682
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683
684
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                   -1.0250,
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685
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                   -1.0499,
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686
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687
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                   -1.0000,
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688
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                   -1.0250,
                              -1.0499,
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689
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690
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691
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692
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693
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                              -1.0747,
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694
       -1.0499,
                   -1.0747
                              -1.0000,
                                          -1.0250,
                                                      -1.0499,
                              -1.0250,
695
       -1.0747,
                   -1.0000,
                                          -1.0499,
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696
       -1.0000,
697
698
     第1點速度序列
699
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                                          1.0000,
                                                      1.0000,
700
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                              1.0000,
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701
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702
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703
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704
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705
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706
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707
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708
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709
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710
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711
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712
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713
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714
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                              1.0000,
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715
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1.0000,
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716
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717
718
       1.0000,
                   1.0000,
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719
       1.0000,
720
721
     第0點加速度序列
722
       -0.0500,
                   -0.0499,
                              -0.0498,
                                          -0.0494,
                                                     -0.0490,
723
       -0.0499,
                   -0.0498,
                              -0.0494,
                                          -0.0500,
                                                     -0.0499,
724
       -0.0498,
                   -0.0494
                              -0.0500,
                                          -0.0499,
                                                     -0.0498,
725
       -0.0494,
                   -0.0500,
                              -0.0499,
                                          -0.0498,
                                                     -0.0494,
726
                   -0.0499,
                              -0.0498,
       -0.0500,
                                          -0.0494
                                                     -0.0500,
727
       -0.0499,
                   -0.0498,
                                          -0.0500,
                                                     -0.0499,
                              -0.0494,
       -0.0498,
                   -0.0494,
                              -0.0500,
                                          -0.0499,
                                                     -0.0498,
728
729
       -0.0494
                   -0.0500,
                              -0.0499,
                                          -0.0498,
                                                     -0.0494
730
       -0.0500,
                   -0.0499,
                              -0.0498,
                                          -0.0494,
                                                     -0.0500,
       -0.0499,
                   -0.0498,
                              -0.0494,
                                          -0.0500,
                                                     -0.0499,
731
       -0.0498,
732
                   -0.0494
                              -0.0500,
                                          -0.0499,
                                                     -0.0498,
733
       -0.0494,
                   -0.0500,
                              -0.0499,
                                          -0.0498,
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	765	0.0000,						
	766							
	767	請按任意鍵繼	遙續					

768 */