

BAPIAHT	A	B	C	D	E	F	t	G
1	0,1,1,1,1,0	0,1,2,3,0	0,2,1,0,5,0	0,1,2,3,4,5,0	0,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0
2	1,1,0,0,1,1,0	0,0,1,2,3	1,2,3,4,5,1	1,1,2,3,4,5,0	0,4,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,3,1,4,0
3	1,0,1,0,1,0,1	1,2,3,0,0	1,2,0,3,4,0	2,1,2,3,4,5,0	0,5,3,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,4,1,2,0
4	0,1,0,1,0,1,0	2,3,1,0,0	0,3,2,5,1,1	3,1,2,3,4,5,0	0,5,4,3,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,3,0
5	0,1,1,0,1,1,0	0,2,1,3,0	2,2,5,0,1,3	4,1,2,3,4,5,0	0,5,4,5,3,2,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,2,1,2,0
6	1,1,1,0,1,1,0	3,2,1,0,0	4,2,3,1,0,0	5,1,2,3,4,5,0	0,5,4,5,3,1,1	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,2
7	1,0,1,1,1,0,1	0,0,1,2,3	0,2,1,3,5,0	0,1,2,3,4,5,1	1,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	3,2,1,2,0
8	0,1,0,1,0,1,1	0,1,2,3,0	1,2,3,1,5,1	0,1,1,3,4,5,0	2,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0
9	1,1,1,1,1,1,0	0,0,1,2,3	1,2,4,3,4,0	0,1,3,3,4,5,0	1,2,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,3,1,4,0
10	1,1,0,1,1,1,0	1,2,3,0,0	0,3,2,5,4,1	1,1,2,3,4,4,0	1,2,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,4,1,2,0
11	1,0,1,0,1,1,1	2,3,1,0,0	4,2,5,0,1,3	2,1,2,3,3,5,0	0,5,3,4,4,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,2,1,3,0
12	0,1,0,1,0,1,1	0,2,1,3,0	4,2,3,1,0,1	3,1,2,2,4,5,0	0,2,4,3,3,1,2	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,2,1,2,3
13	0,1,1,1,1,1,0	3,2,1,0,0	3,2,1,0,5,0	4,1,2,4,4,5,0	0,5,4,5,3,4,4	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,3,2
14	1,1,0,0,1,1,0	0,0,1,2,3	5,2,3,4,5,1	5,1,1,3,4,5,0	4,5,4,2,3,1,1	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0
15	1,0,1,0,1,0,1	0,1,2,3,0	0,2,0,3,4,0	0,1,2,0,4,5,1	5,5,4,5,3,1,2	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	3,2,1,2,0
16	0,1,0,1,0,1,0	0,0,1,2,3	0,3,2,5,2,1	0,1,2,3,4,5,0	1,5,4,5,2,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0
17	0,1,0,1,0,1,0	1,2,3,0,0	3,2,5,0,1,3	3,1,2,3,4,5,0	0,5,4,5,3,2,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,3,1,4,0
18	0,1,1,0,1,1,0	2,3,1,0,0	4,2,3,1,0,4	4,1,2,3,4,5,0	0,5,4,5,3,1,1	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,4,1,2,4
19	1,1,1,0,1,1,0	0,2,1,3,0	0,2,1,3,5,0	5,1,2,3,4,5,0	1,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,2,1,3,0
20	1,0,1,1,1,0,1	3,2,1,0,0	1,2,3,1,5,1	0,1,2,3,4,5,1	2,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	3,4,1,2,0
21	0,1,0,1,0,1,1	0,0,1,2,3	1,2,4,3,4,0	0,1,1,3,4,5,0	1,2,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0
22	1,0,1,1,1,0,1	0,1,2,3,0	0,3,2,5,4,1	0,1,3,3,4,5,0	1,2,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,3,1,4,2
23	0,1,0,1,0,1,1	0,0,1,2,3	4,2,5,0,1,3	1,1,2,3,4,4,0	0,5,4,5,3,2,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	2,4,1,2,0
24	1,1,1,1,1,1,0	1,2,3,0,0	4,2,3,1,0,1	2,1,2,3,3,5,0	0,5,4,5,3,1,1	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	1,2,1,3,0
25	1,1,0,1,1,1,0	2,3,1,0,0	0,2,4,3,5,0	2,1,2,3,3,5,0	1,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,2
26	1,0,1,0,1,1,1	0,2,1,3,0	1,2,3,1,5,1	3,1,2,2,4,5,0	2,5,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	3,2,1,2,0
27	0,1,0,1,0,0,1	3,2,1,0,0	1,2,4,3,4,0	4,1,2,4,4,5,0	1,2,4,5,3,1,0	$\sin(2*\pi*t)+0.1*\text{randn}(1,\text{length}(t))$	0:1/125:10	0,2,1,2,0