

CANTILEVER BEAM TESTS

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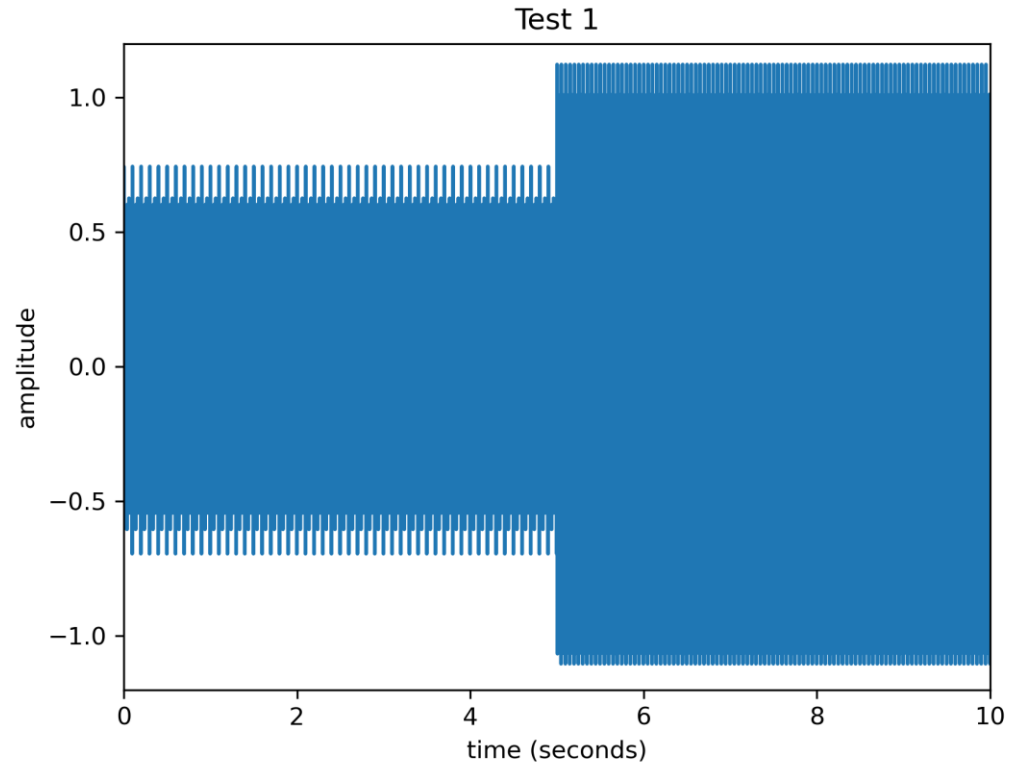
PROPOSED TEST

Sample rate : 50000S/s

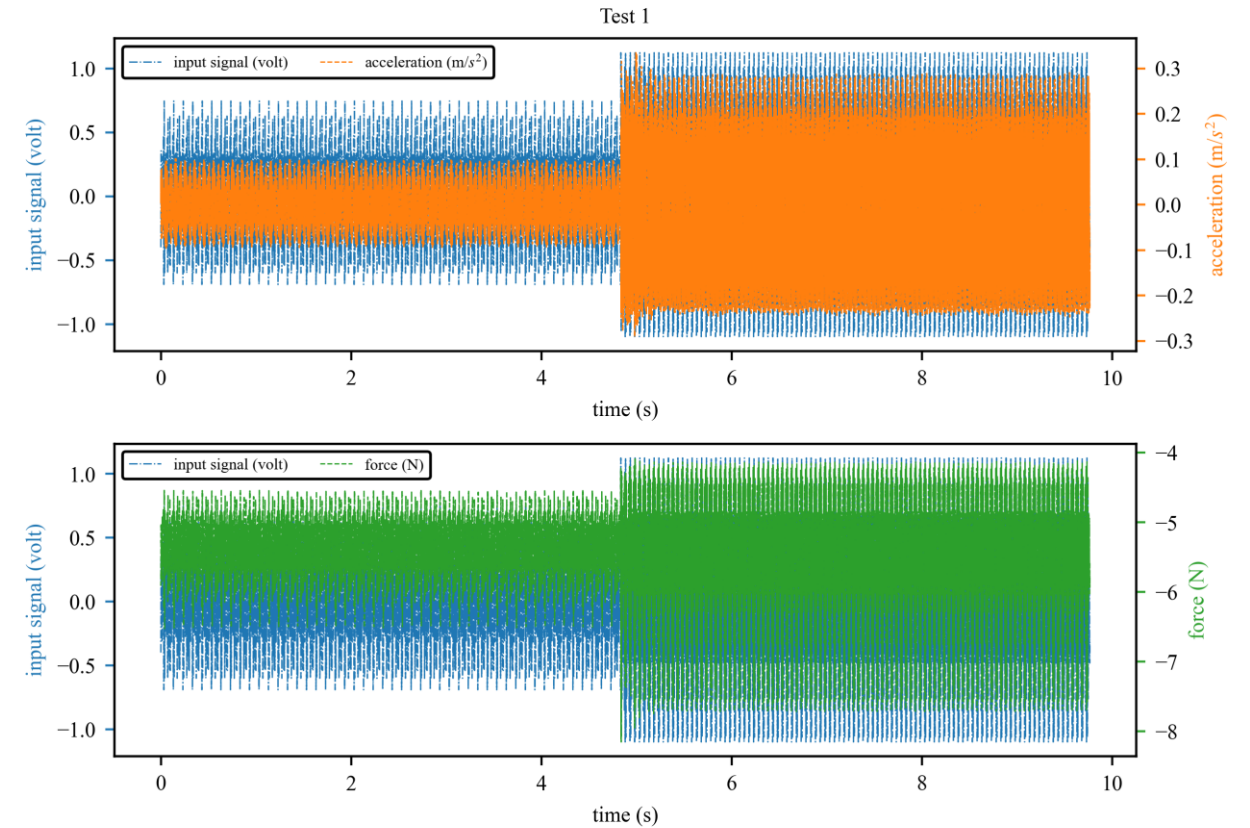
	First half (5 sec)						First half (5 sec)					
	frq 1	amp 1	frq 2	amp 2	frq 3	amp 3	frq 1	amp 1	frq 2	amp 2	frq 3	amp 3
Test 1	100	0.25	120	0.25	150	0.25	100	0.375	120	0.375	120	0.375
Test 2	50	0.25	70	0.25	120	0.25	50	0.25	70	0.25	0	0
Test 3	50	0.25	70	0.25	120	0.25	50	0.25	0	0	100	0.25
Test 4	150	0.25	80	0.25	120	0.25	150	0.425	80	0.425	120	0.425
Test 5	150	0.25	80	0.25	120	0.25	150	0.25	80	0.375	150	0.425
Test 6	150	0.25	0	0	120	0.25	150	0.25	80	0.375	120	0.425
Test 7	60	0.25	0	0	125	0.25	60	0.425	80	0.425	125	0.425

TEST 1

Excitation signal

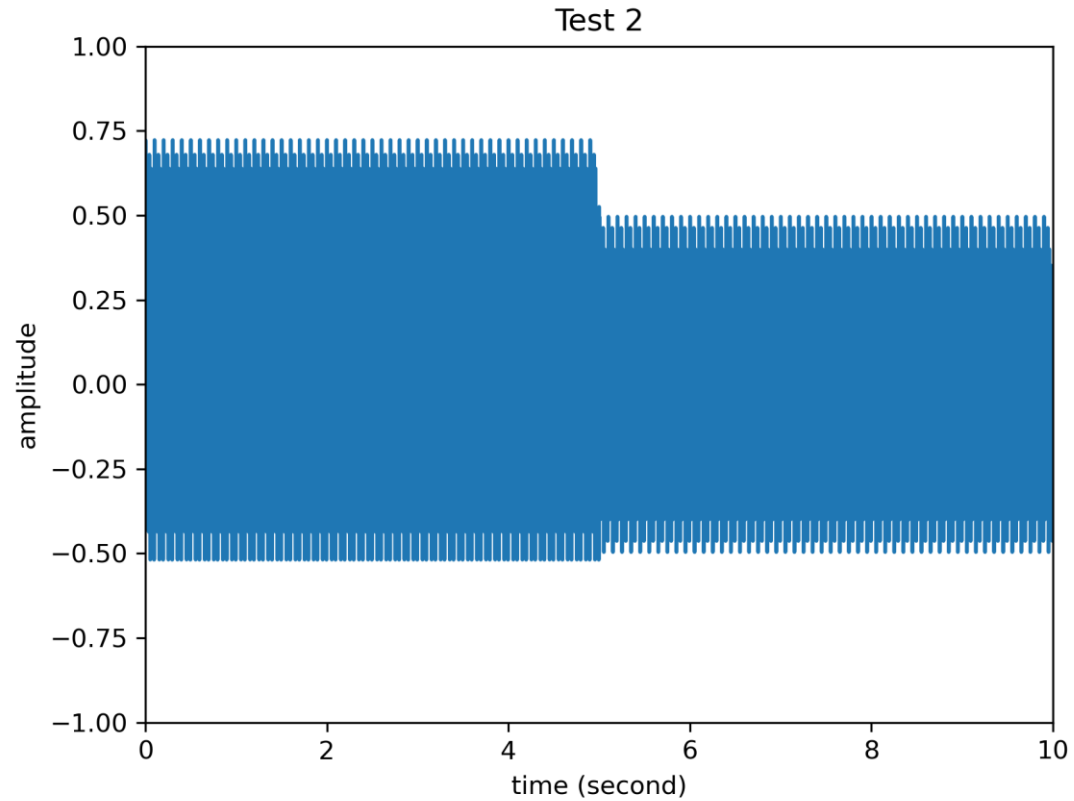


Experimental outcome

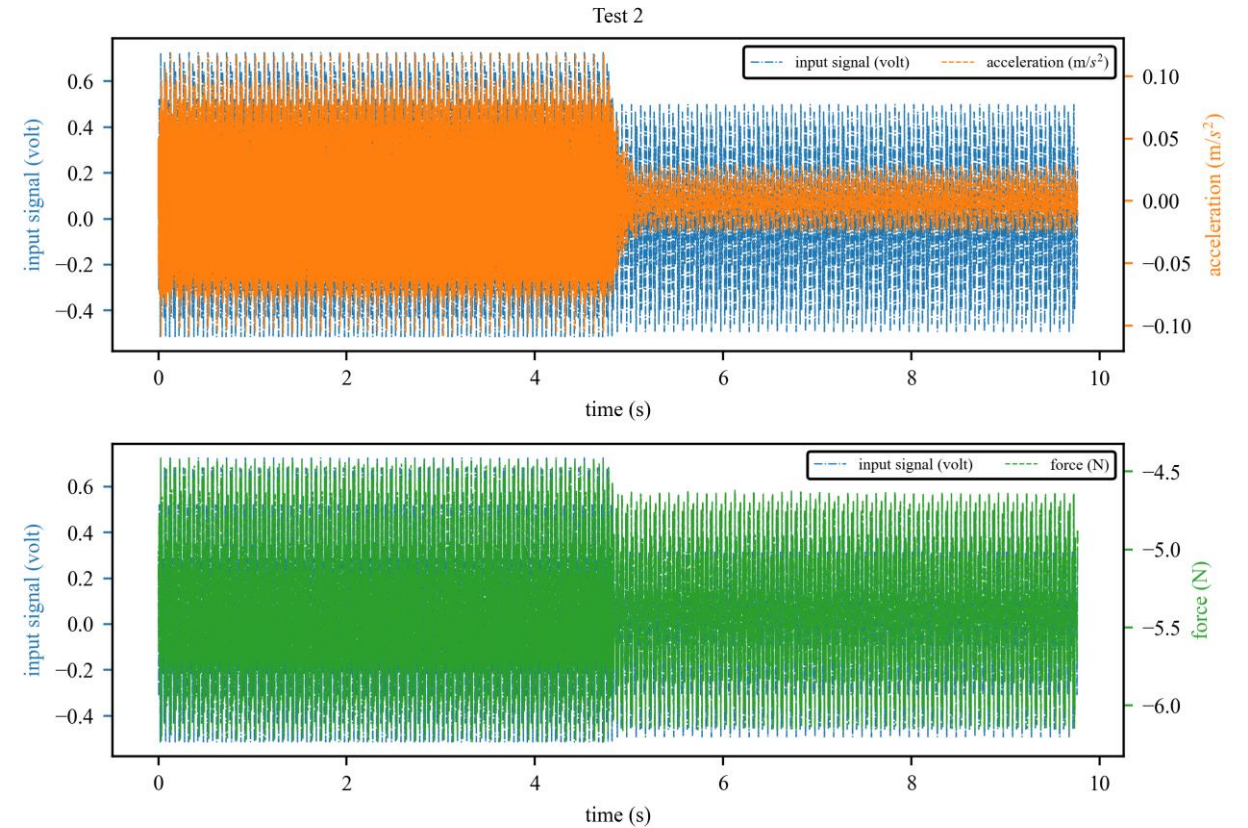


TEST 2

Excitation signal

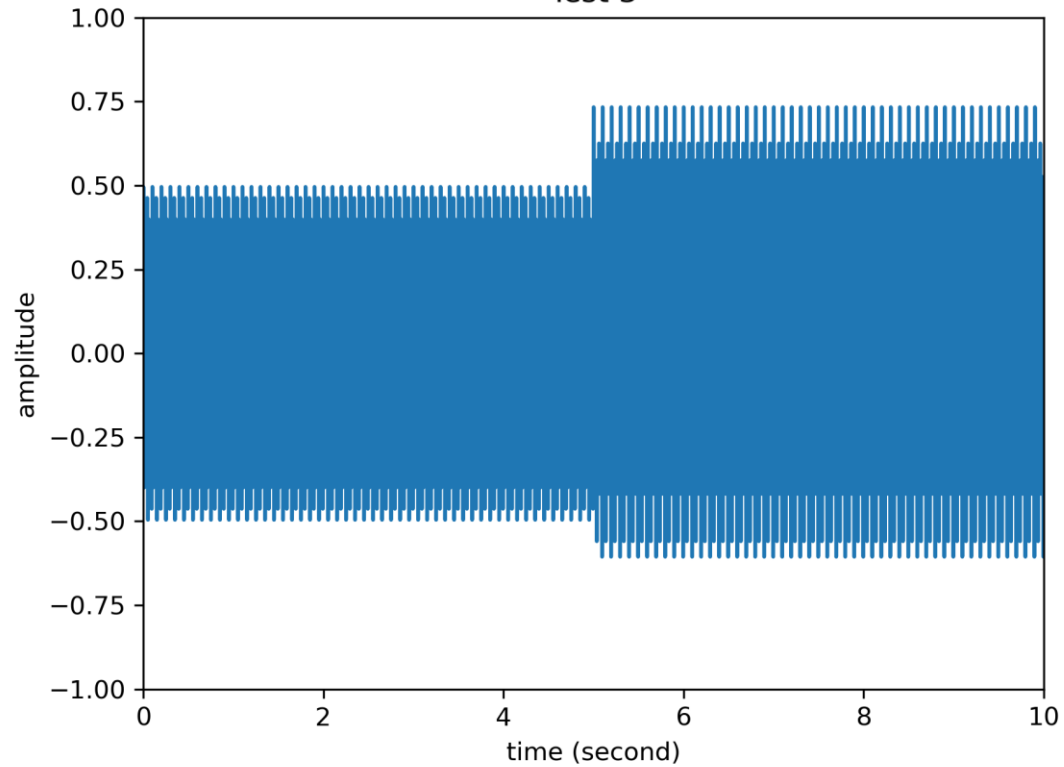


Experimental outcome

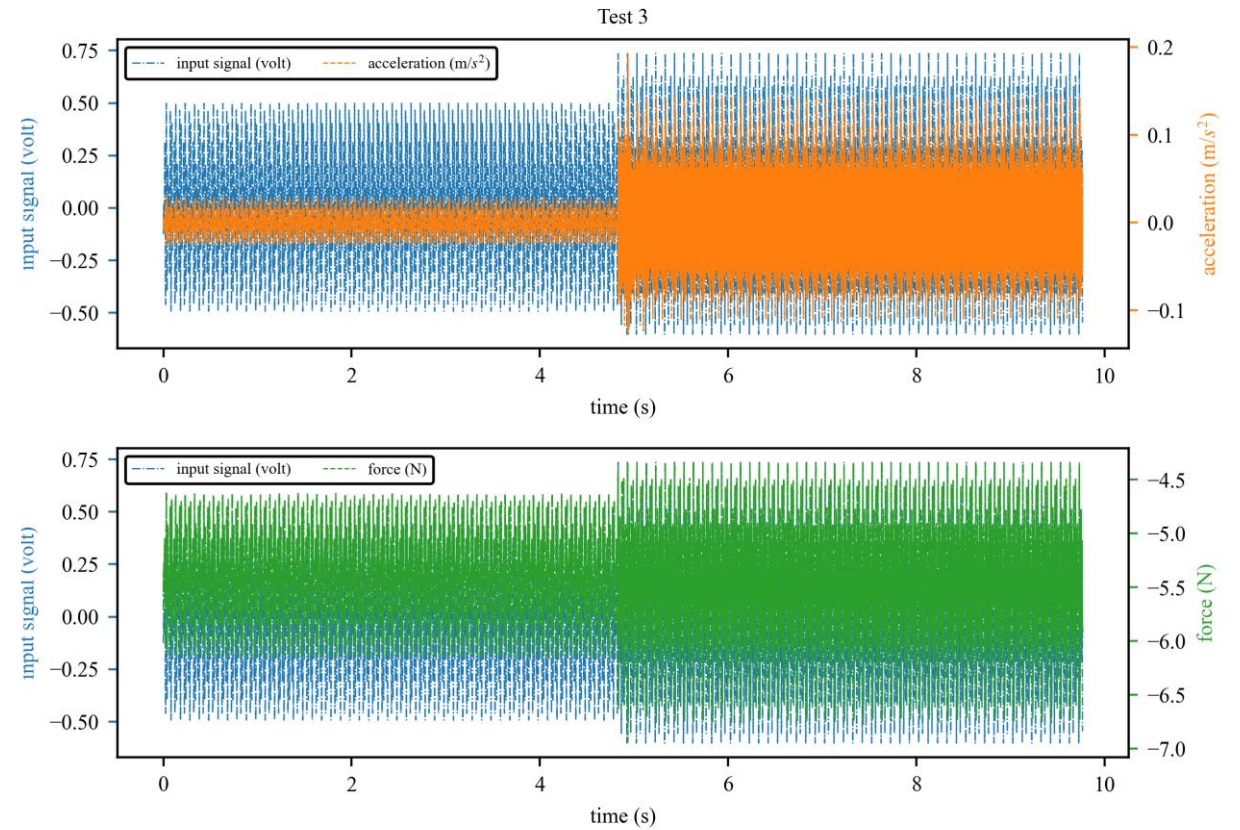


TEST 3

Excitation signal
Test 3

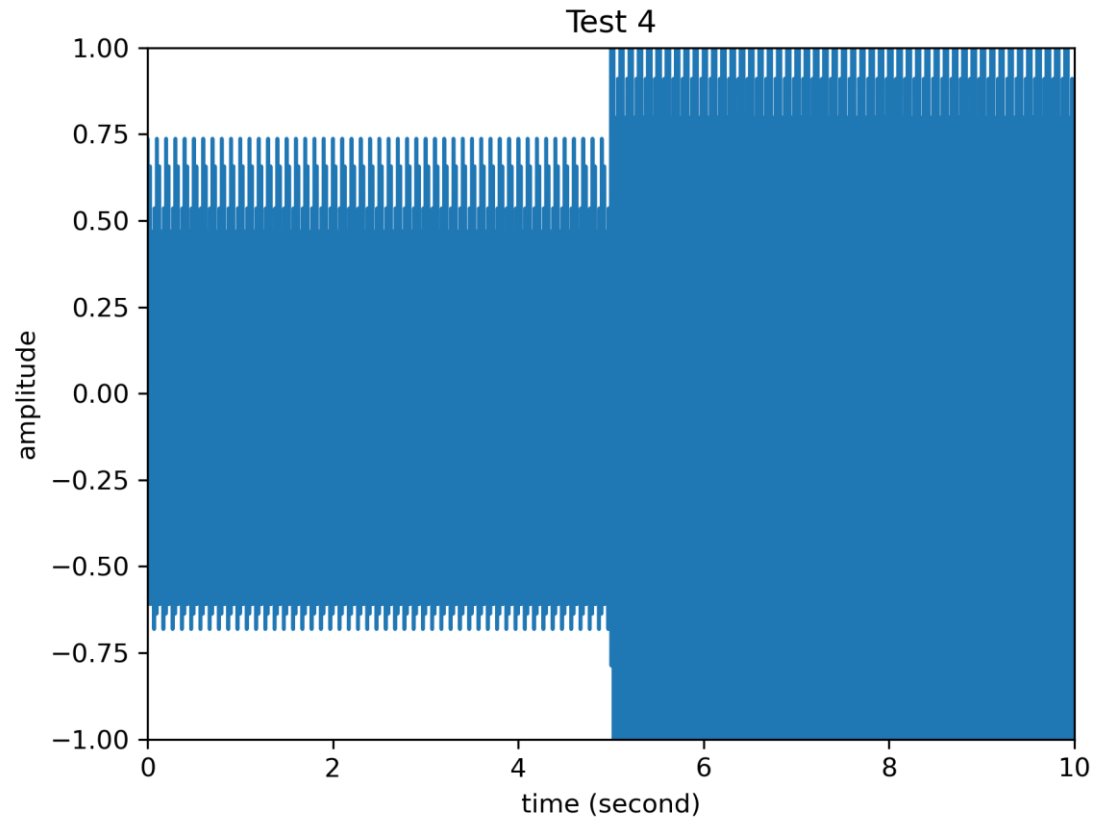


Experimental outcome

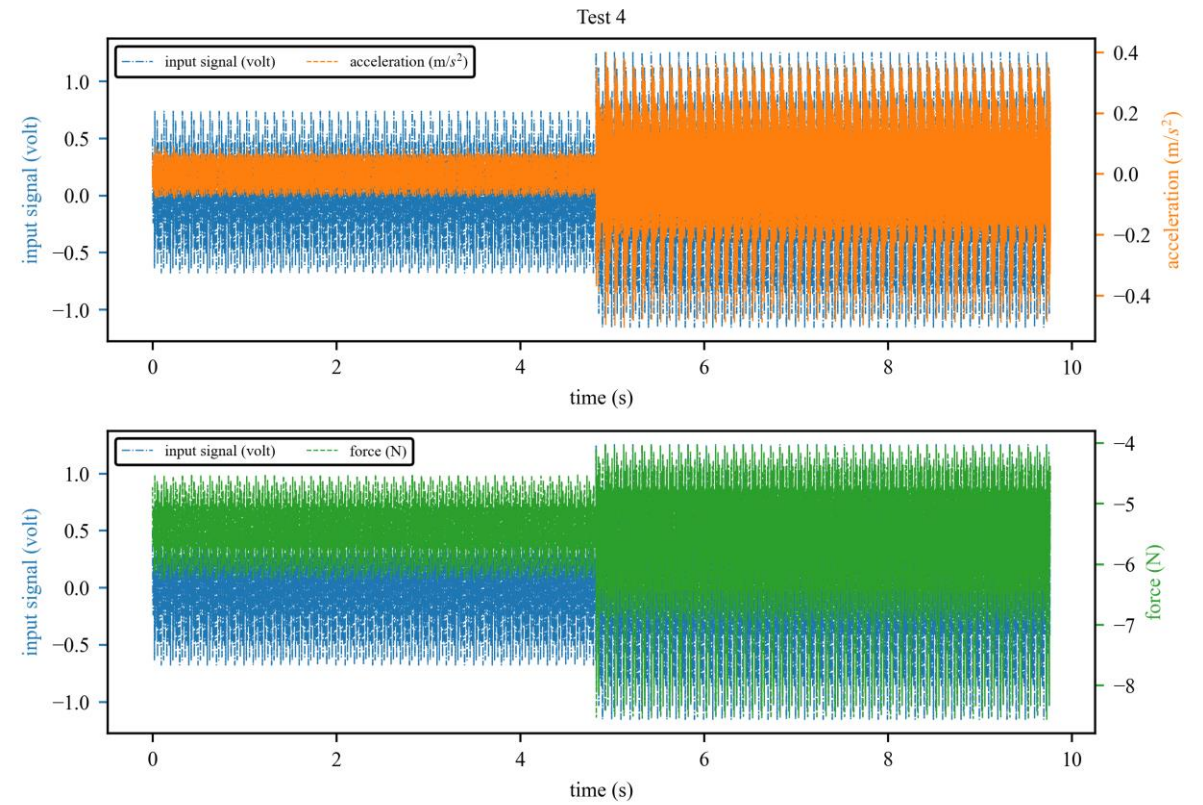


TEST 4

Excitation signal

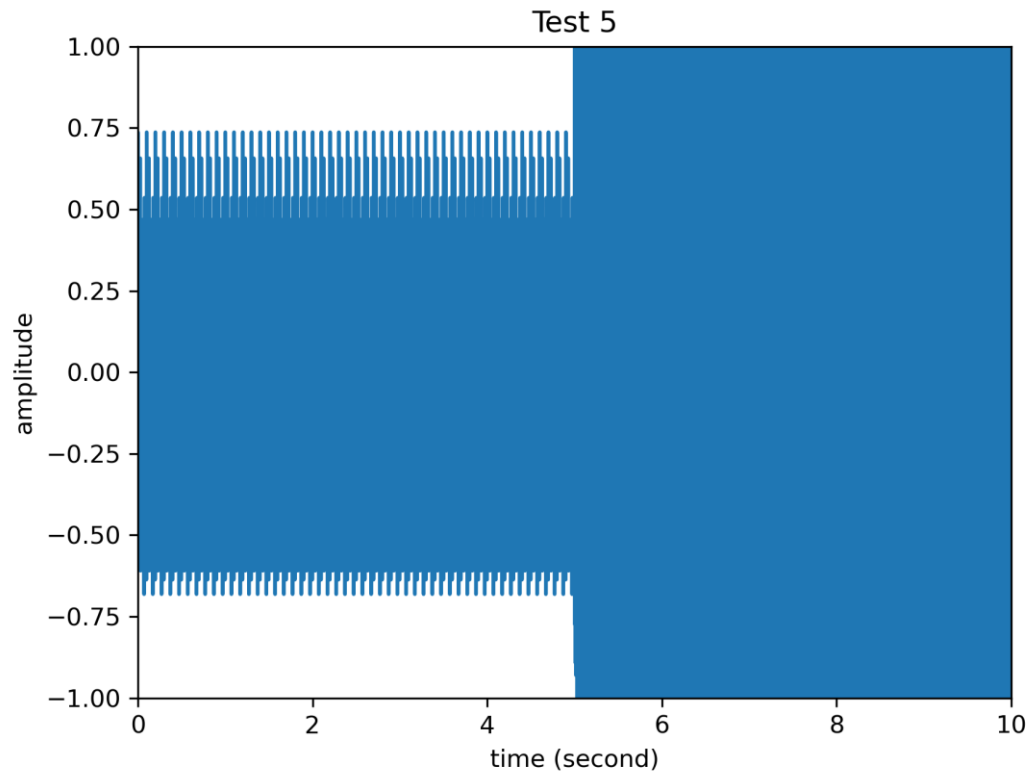


Experimental outcome

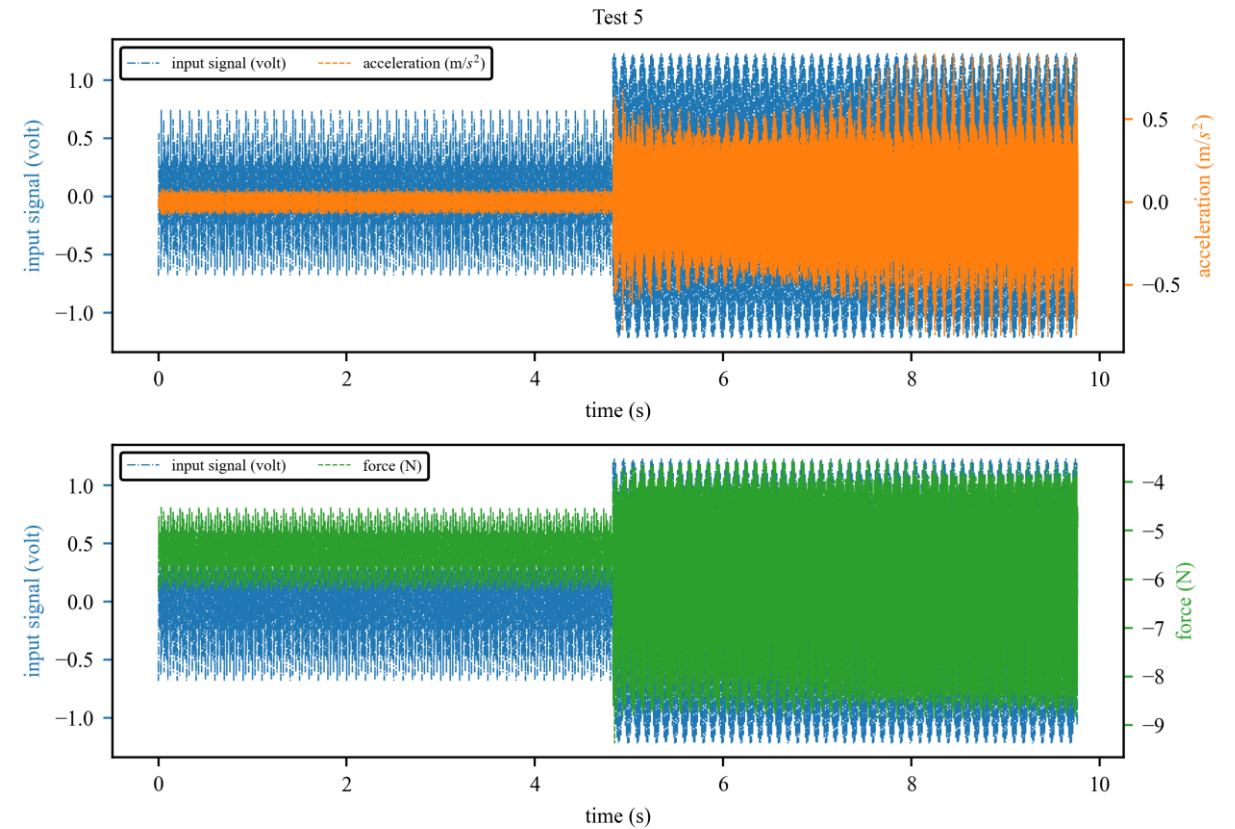


TEST 5

Excitation signal

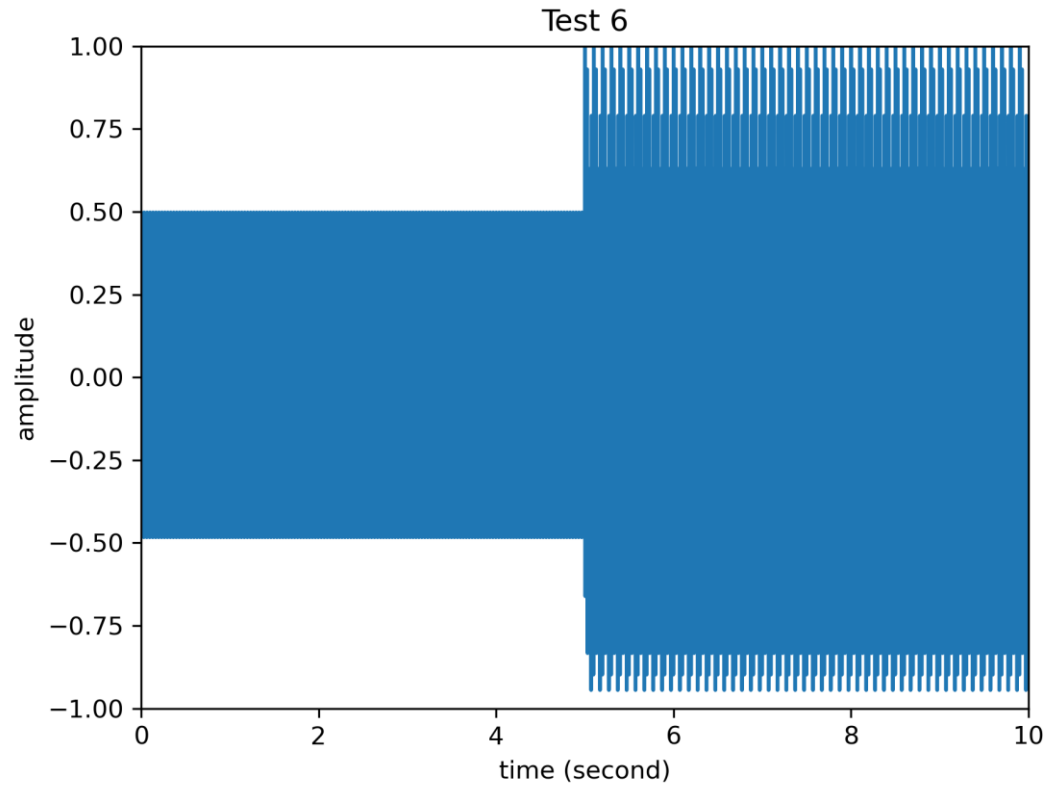


Experimental outcome

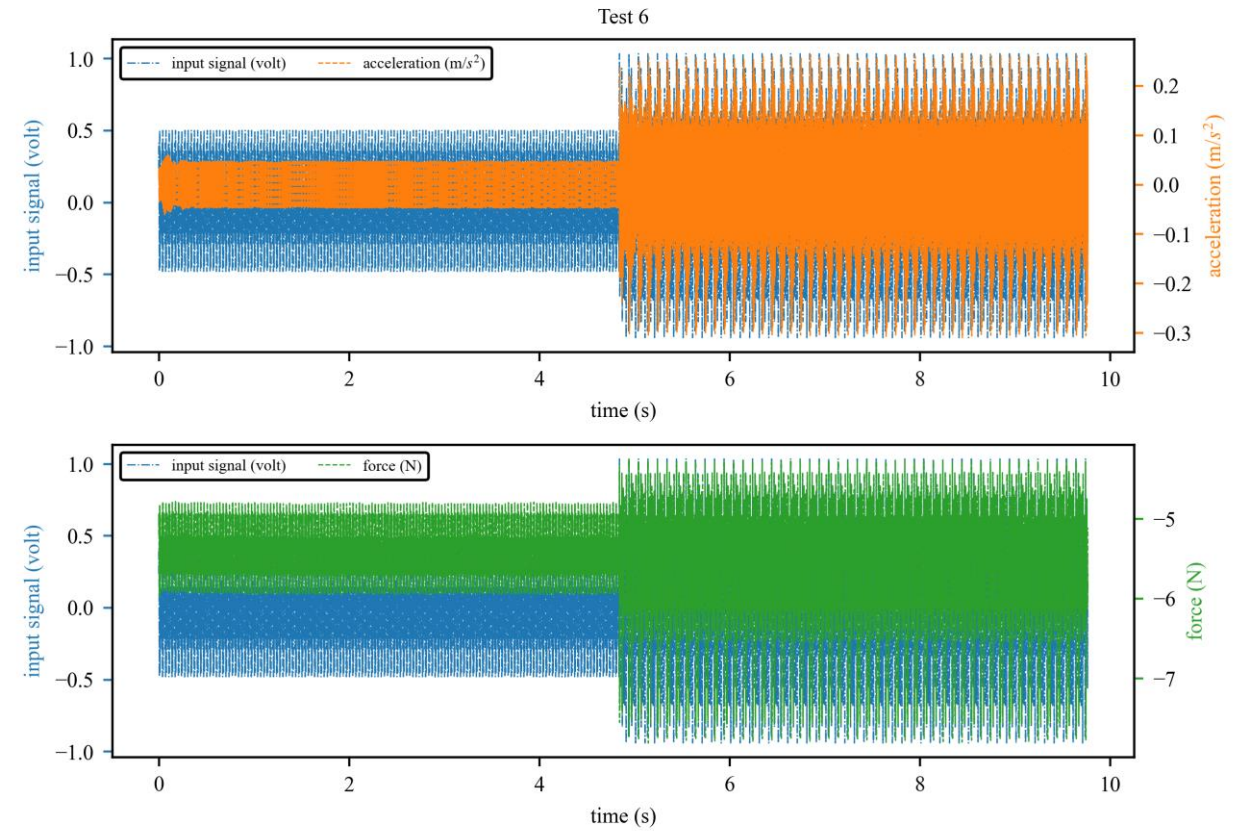


TEST 6

Excitation signal

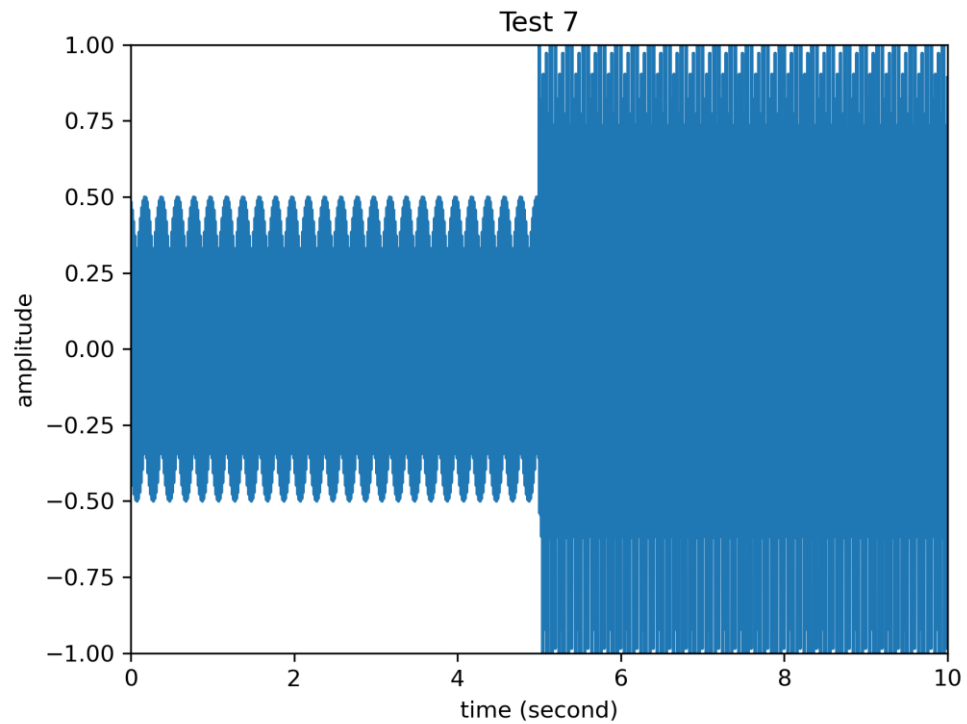


Experimental outcome

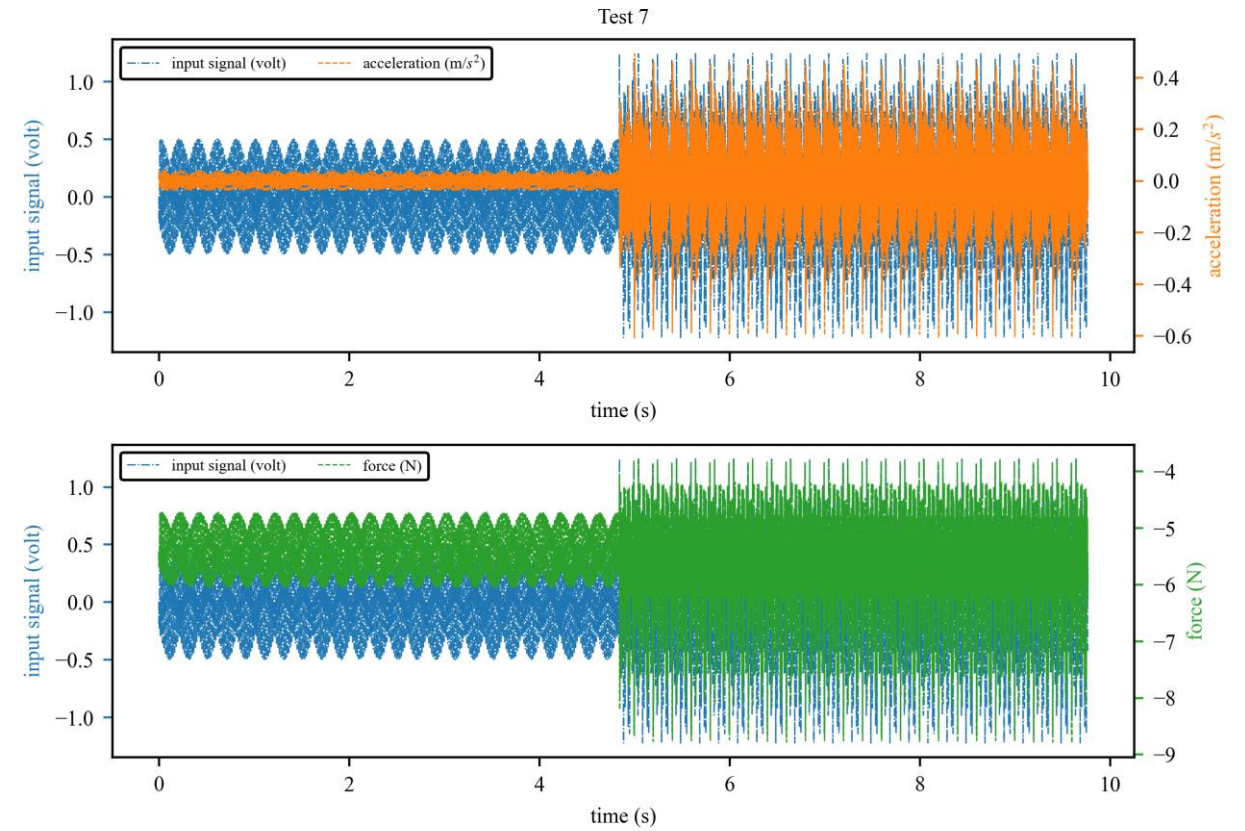


TEST 7

Excitation signal



Experimental outcome



THANKS!