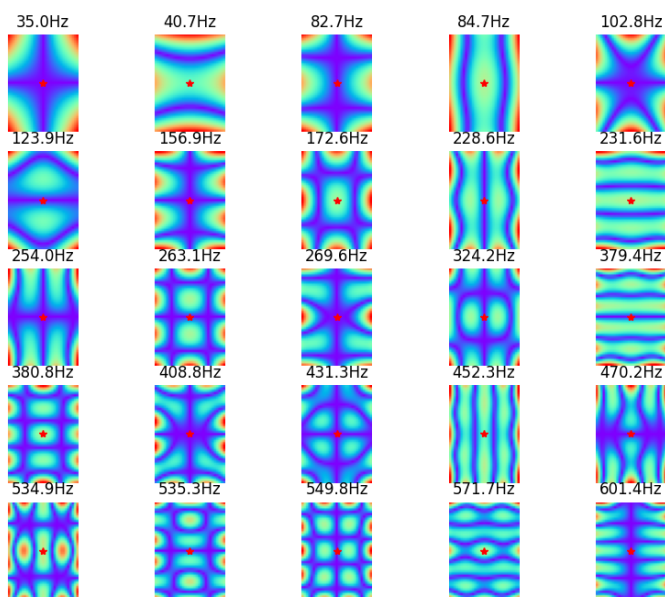


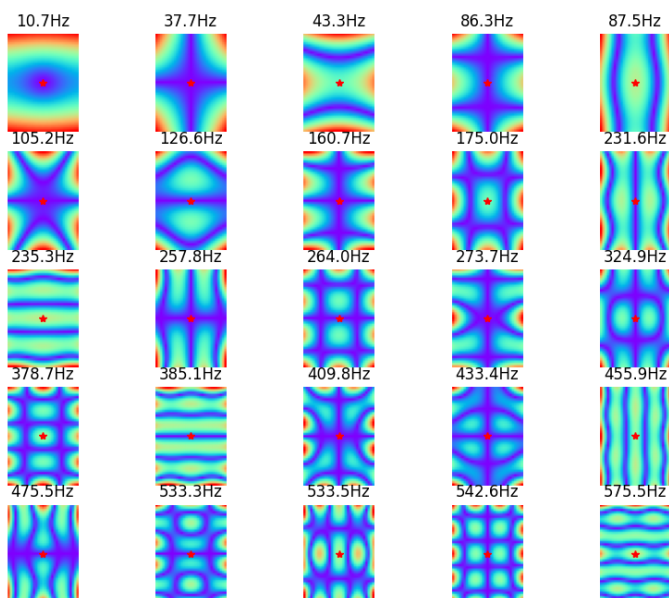
Test case Acrylic 3.5mm  
 Lx = 420mm Ly = 300mm  
 density = 1175kg/m<sup>3</sup>  
 Poisson = 0.37  
 Ex=Ey = 4.7GPa, Gxy = 1.715GPa  
 Q = 9.6  
 Exciter x = 0.5, y = 0.5  
 Exciter DAEX25VT4

PMMA 3.5mm FFFF 42x30cm Ideal exciter /MD sim: Eigenfrequencies and mode shapes



Mode	Tap Test	LISA FEA	Diff	FDM
1	35??	36	??	35
2	40	41	1	40.7
3	83	83	0	82.7
4	85	87	2	84.7
5	104	104	0	102.8
6	123	125	2	123.9
7	158	158	0	156.9
8	177	175	-2	172.6
9	235	234	-1	228.6
10	234	236	2	231.6
11	263	262	-1	254
12	271	267	-4	263.1
13	275	274	-1	269.6
14	337	332	-5	324.2

PMMA 3.5mm FFFF 42x30cm DAEX25VT4 /MD sim: Eigenfrequencies and mode shapes



PMMA 3.5mm FFFF 42x30cm DAEX25VT4 /MD sim: Eigenfrequencies and mode shapes

