

The Frequency of three modes are shown as below, and it is almost the same as the information provided in the example.

TABLE: Modal Periods And Frequencies						
OutputCase	StepType	StepNum	Period	Frequency	CircFreq	Eigenvalue
Text	Text	Unitless	Sec	Cyc/sec	rad/sec	rad2/sec2
MODAL	Mode	1	0.523376	1.910670432	12.00509639	144.1223392
MODAL	Mode	2	0.246716	4.053243897	25.4672825	648.5824779
MODAL	Mode	3	0.161512	6.191492405	38.90229411	1513.388487

The shape of the mode are shown as below.

TABLE: Joint Displacements					
Joint	OutputCase	CaseType	StepType	StepNum	U1
1	MODAL	LinModal	Mode	1	0
2	MODAL	LinModal	Mode	1	-0.637622
3	MODAL	LinModal	Mode	1	-1.275015
4	MODAL	LinModal	Mode	1	-1.912412
1	MODAL	LinModal	Mode	2	0
2	MODAL	LinModal	Mode	2	0.982551
3	MODAL	LinModal	Mode	2	0.98229
4	MODAL	LinModal	Mode	2	-1.964986
1	MODAL	LinModal	Mode	3	0
2	MODAL	LinModal	Mode	3	1.57763
3	MODAL	LinModal	Mode	3	-1.127088
4	MODAL	LinModal	Mode	3	0.450868
Text	Text	Text	Text	Unitless	in

