

Assignment 3:

Questions 3.3 to 3.9 and 3.29

Assignment 4:

Theory of vibrations with applications by thompson 5th edition.

From this book, Study and solve example 6.10.1 (Pg. 185 to Pg.187) Chapter 6 Solve problems 6.29, 6.30, 6.31, 6.32 (Pg. 195)

Assignment 5:

Problems 5.1,5.2,5.3,5.4,5.8,5.15 from leonard meirovitch.

Note: In problem 5.15 consider beam instead of a bar.

Assignment 6:

Norman S. Nise 6th edition.

Chapter (2) Ques. 7,8,9,23,24,26,28 Page 98 onwards.

Chapter (4) Ques. 25,29,33,53 Page 217 onwards.

Chapter (5) Ques. 3,5,7,13,14,15 Page 280 onwards.

Chapter (6) Ques. 5,9,12,46 Page 326 onwards.

Assignment 7:

Problems 6,8,10,12,16 Page 433 to 434 Chapter 8 root locus techniques. Problem 29,30,34 Page 614 to 615 Chapter 10 Frequency response techniques. Book Norman S.Nise 6th edition