

Vibration Mechanics Hw #4

(Vibration with General Input)

Issued: Apr. 12, 2024

Due: May 03, 2024

1. Rao P. 4.7 General periodic loading
2. Rao P. 4.21 Duhamel integral (solve the case of Fig. 4.46(b) only)
3. Rao P. 4.32 Forced response of a damped system
4. Rao P. 4.38 Fighter example
5. Rao P. 4.46 Response of a system by a general input
6. Rao P. 4.58 Response spectrum
7. Rao P. 4.65 Impact responses