

Vibration Mechanics Hw #4

(Vibration with General Input)

Issued: Apr. 14, 2023

Due: May 04, 2023

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| 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 |