

Assignment 3 Compute displacement, velocity and absolute acceleration response spectra of JMA Kobe ground acceleration during the 1995 Kobe earthquake shown below

- (1) Compute S_D , S_V and S_A with damping ratio of 0.05 and 0.1 at natural period of 0.2, 0.247, 0.357, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0s.
- (2) Plot the computed S_D , S_V and S_A as shown below

