

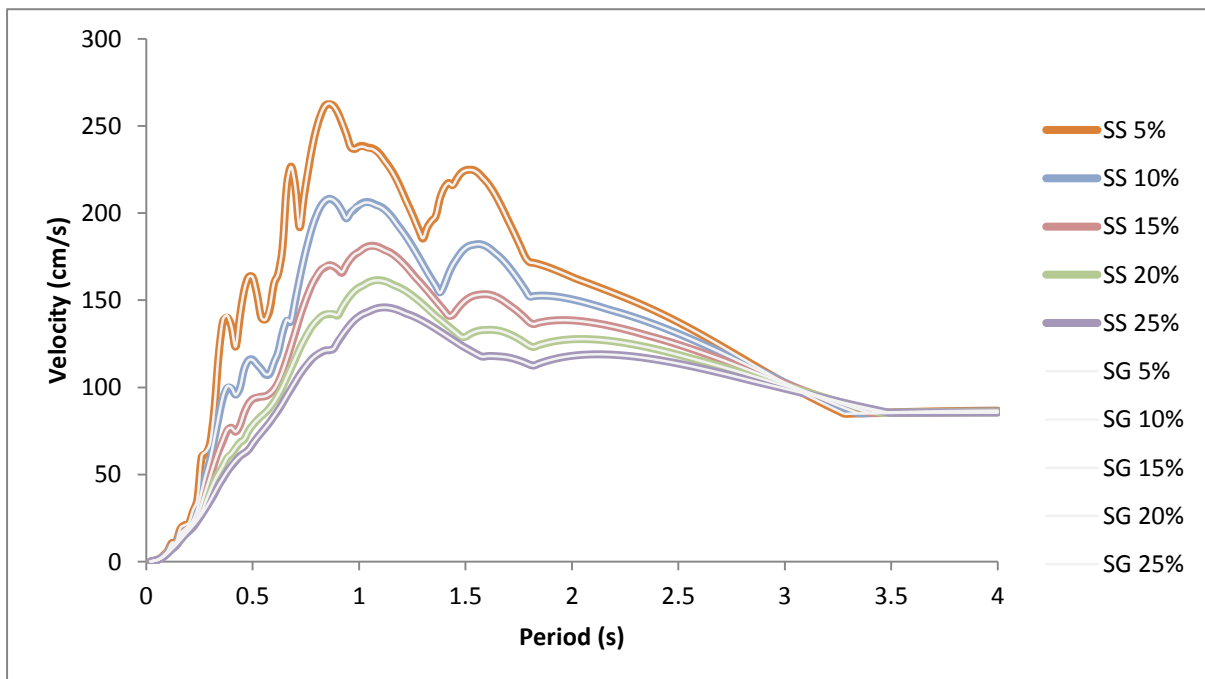
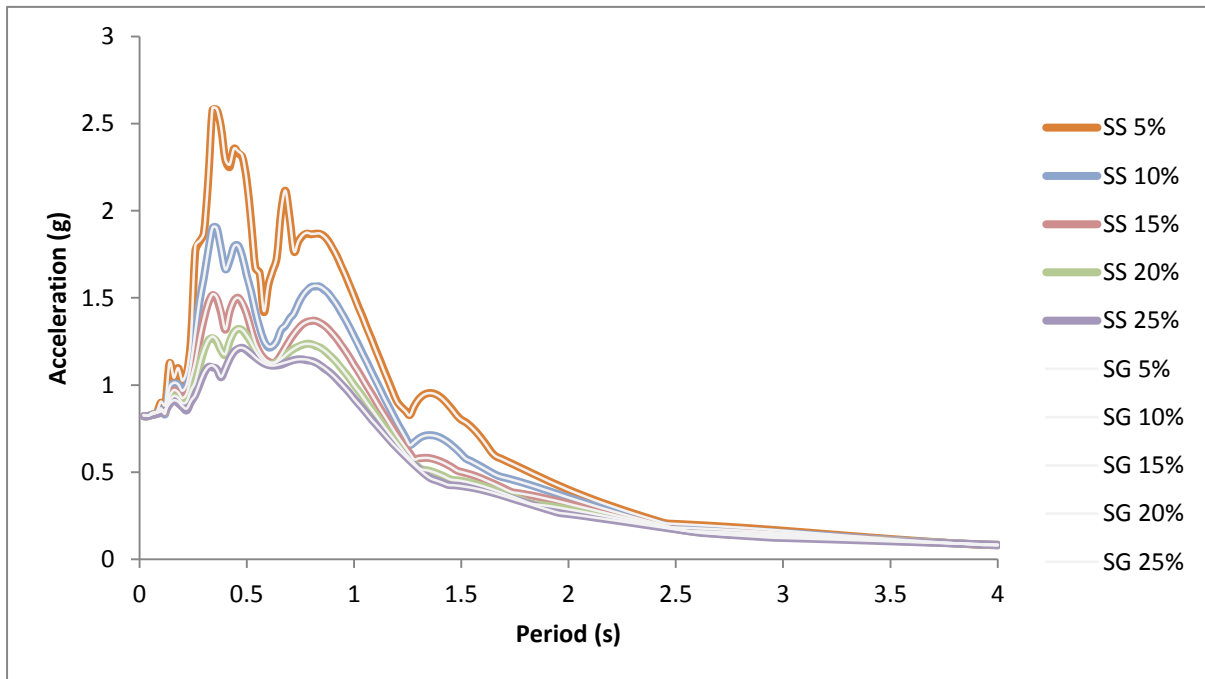
# SEISMOGRAPH

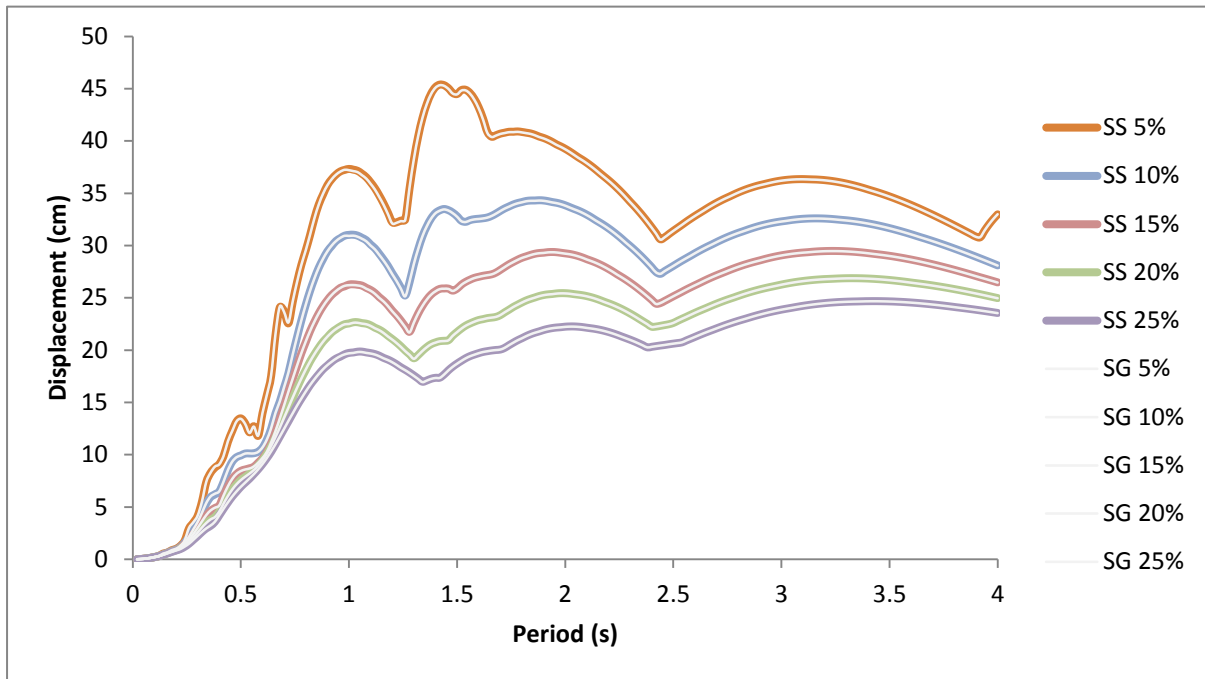
Verification Examples (B2)

**SMDA:** Spectrum Tool

### Example 1 – Elastic Spectra

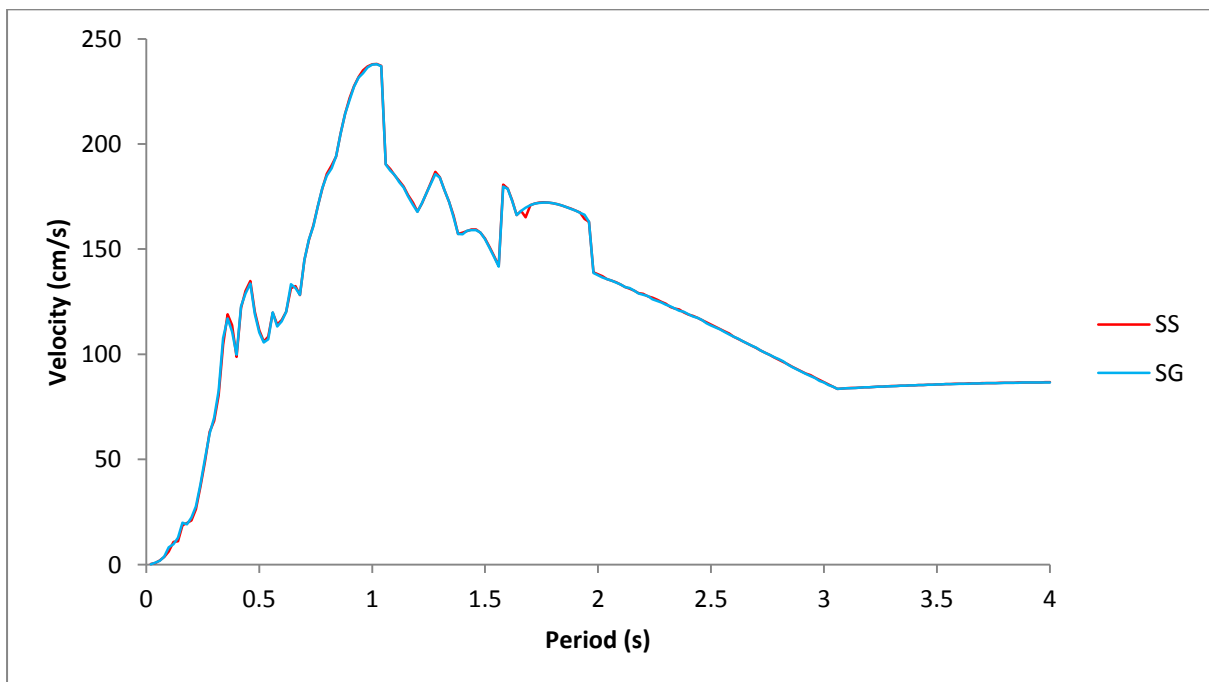
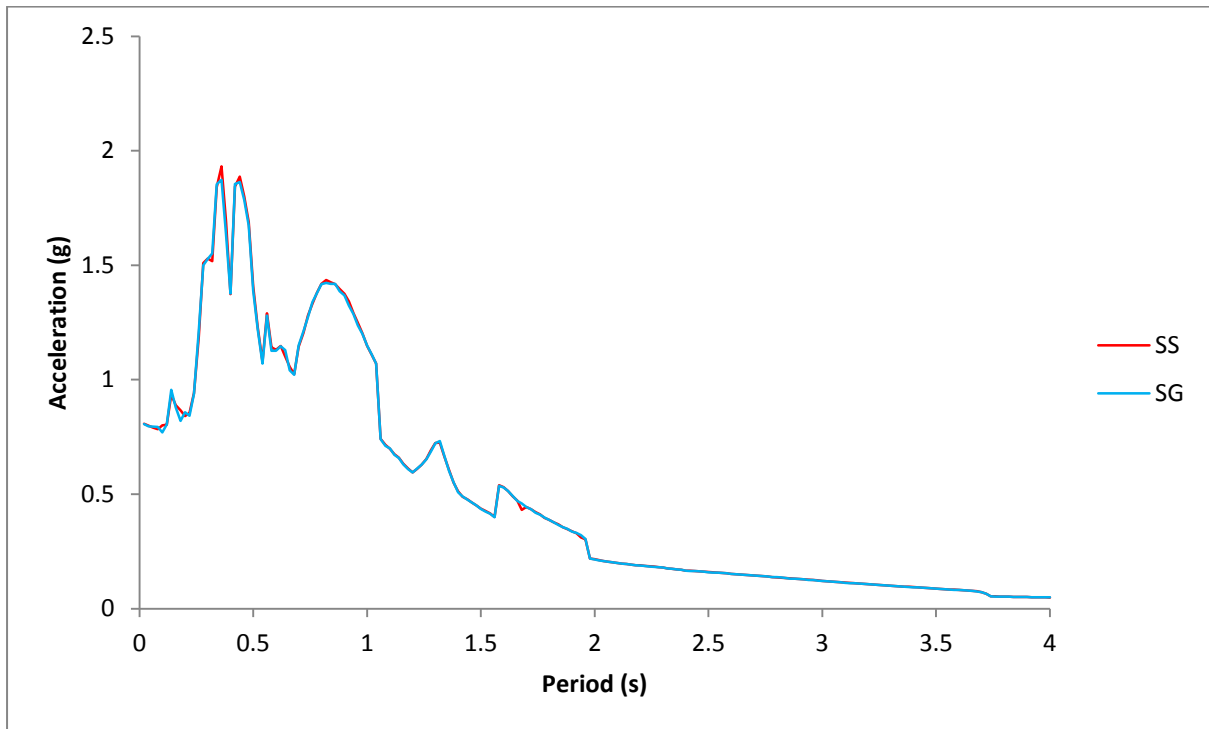
A comparison between the Seismosignal results and SG results.

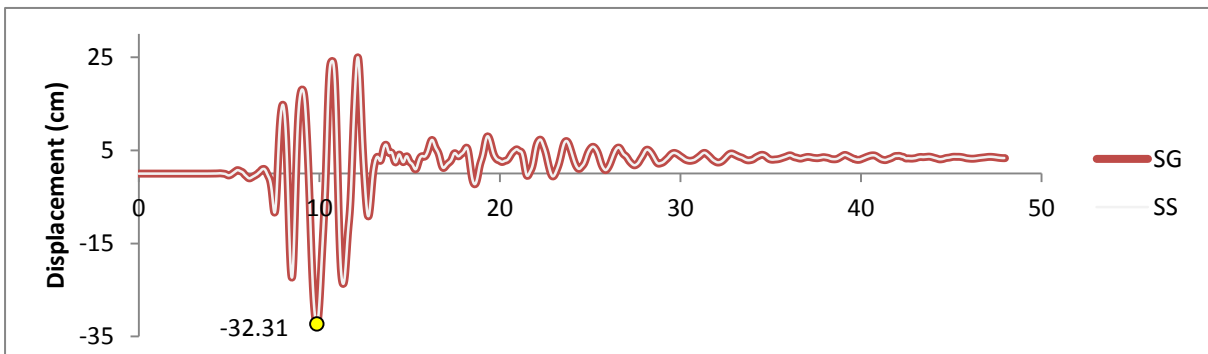
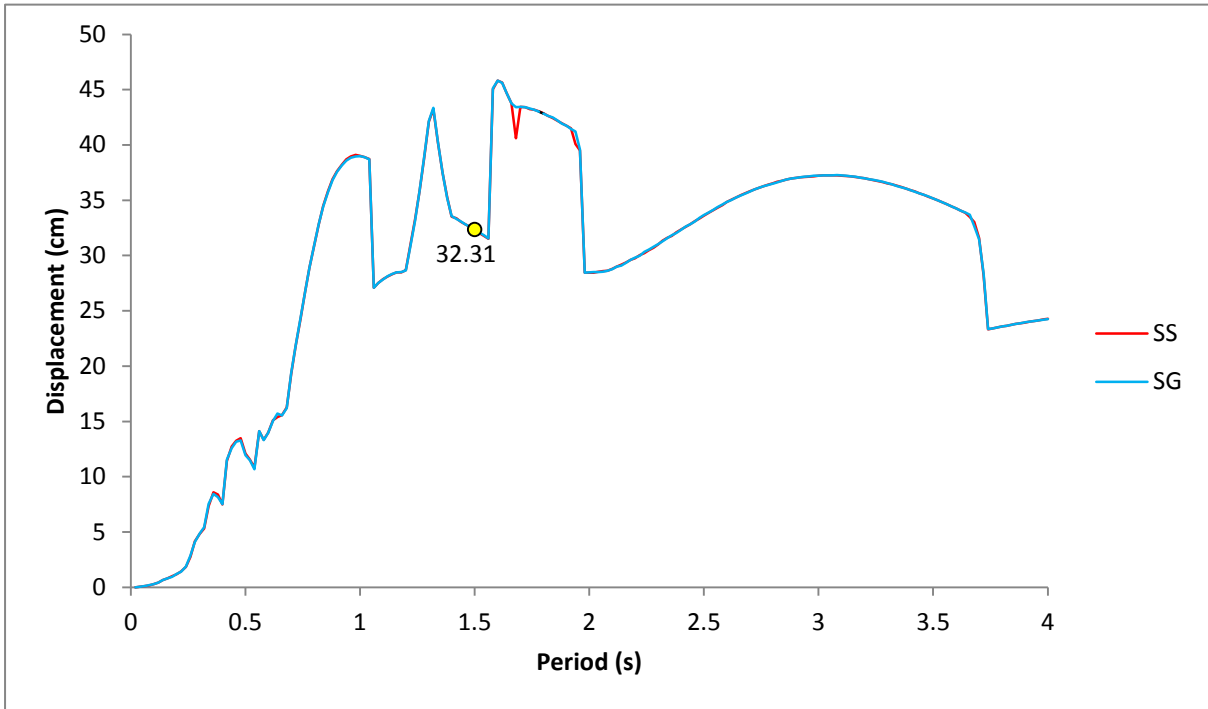




## Example 2 – Inelastic Spectra

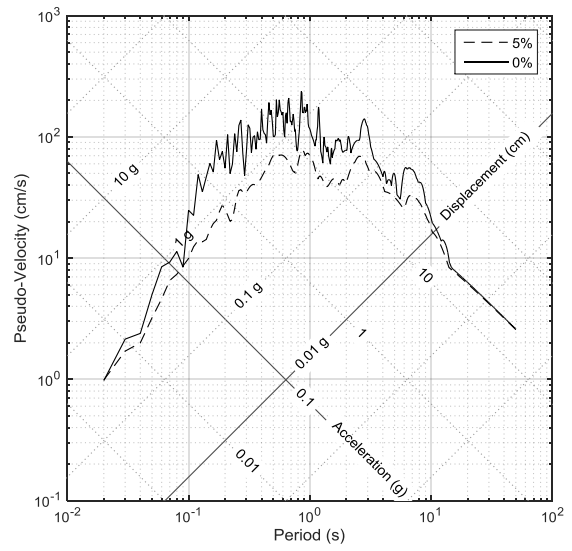
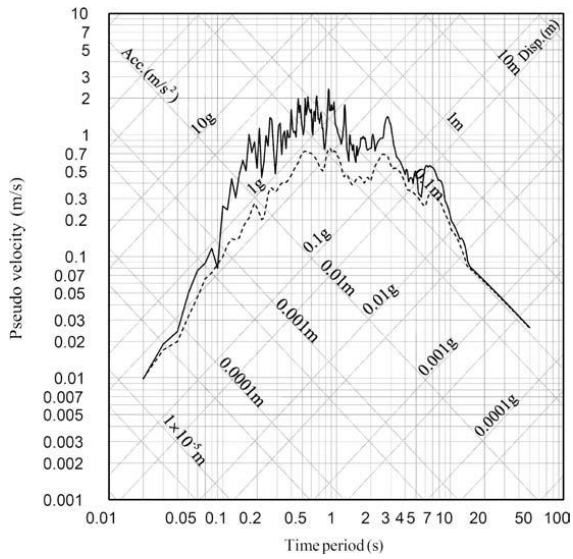
A comparison between the Seismosignal results and SG results.





Response Time History Sample (for T=1.5 Sec)

### Example 3 – Tripartite Spectra



Tripartite plot Example from Reference [1] (left) and SG result (right)

(— for 0% and ---- for 5%)

## REFERENCES

- [1] Datta, T.K., 2010. Seismic analysis of structures. John Wiley & Sons.

**SEISMOGRAPH**

earthquake engineering software