

## REFERENCES

1. Apsel, R.J. and J.E. Luco (1976). "Torsional response of rigid imbedded foundations," J. Eng. Mech. Div., Am. Soc. Civil Engs., Vol. 102, No. EM6, pp. 957-970.
2. Bielak, J. (1971). "Dynamics of building-soil interaction," Ph.D. Thesis, Calif. Inst. of Technology, Pasadena, California.
3. Bielak, J. (1976). "Modal analysis for building-soil interaction," J. Eng. Mech. Div., Am. Soc. Civil Engs., Vol. 102, No. EM5, pp. 771-786.
4. Cao, H. and V.W. Lee (1988). "Scattering of plane SH waves by circular cylindrical canyons of variable depth-to-width ratios," European J. of Earthquake Engr. and Engr. Seismology, Vol. III-n.2, pp. 29-37.
5. Cao, H. and V.W. Lee (1990), "Scattering of plane P waves by circular cylindrical canyons with various depth-to-width ratios," Soil Dynamics and Earthquake Eng., Vol. 9, No. 3, pp. 141-150.
6. Dangla, P. (1988). "A plane strain soil-structure interaction model," Earthquake Eng. and Struct. Dynamics, Vol. 16, pp. 1115-1128.
7. Day, S.M. and G.A. Frazier (1979). "Seismic Response of Hemispherical Foundation," J. Eng. Mech. Div., Am. Soc. Civil Engs., Vol. 105, No. EM1, pp. 29-41.
8. Eringen, A.C. and E.S. Suhubi (1975), "Elastodynamics," Volume II, Academic Press, New York.
9. Gupta, I.D. and M.D. Trifunac (1990a). "Probabilistic Spectrum Superposition for Response Analysis Including the Effects of Soil-Structure Interaction," J. Probab. Eng. Mech., Vol.5, No. 1, pp. 9-18.
10. Gupta, V.K. and M.D. Trifunac (1990b). "Response of multistoried buildings to ground translation and rocking during earthquakes," J. Probab. Mech., Vol. 5, No. 3, pp. 138-145.
11. Hamming, R.W. (1962). "Numerical methods for scientists and engineers," McGraw-Hill, New York.
12. Iguchi, M. (1984). "Earthquake response of embedded circular foundations to SH and SV waves," Proc. VIII World Conf. on Earthquake Engineering, San Francisco, California.
13. Kojić, S., M.D. Trifunac and J.C. Anderson (1984). "A post earthquake analysis of the Imperial County Services building," Dept. of Civil Eng. Rep. No. 84-02, Univ. of Southern California, Los Angeles, California.
14. Kawase, H. (1988), "Time response of a semi-circular canyon for incident SV, P and Rayleigh waves calculated by the discrete wavenumber boundary element method," Bull. Seism. Soc. Amer., Vol. 78, pp. 1415-1437.
15. Lee, V.W. and H. Cao (1989). "Diffraction of plane SV waves by circular canyons of various depths," J. Eng. Mech. Div., Am. Soc. Civil Engs., Vol. 115, No. 9, pp. 2035-2056.
16. Lee, V.W. (1979). "Investigation of three-dimensional soil-structure interaction," Dept. of Civil Eng. Report No. CE 79-11, Univ. of Southern California, Los Angeles, California.

17. Luco, J.E. (1969). "Dynamic interaction of a shear wall with the soil," J. Eng. Mech. Div., Am. Soc. Civil Engs, Vol. 95, pp. 333-346.
18. Luco, J.E. (1980a). "Soil-structure interaction and identification of structural models," Proc. 2nd ASCE Conf. on Civil Engineering and Nuclear Power, (Knoxville, Tennessee, Sept. 15-17, 1980), Vol. II, Geotechnical Topics, Paper No. 10-1, ASCE, New York, New York, pp. 10.1 - 10.30.
19. Luco, J.E. (1980b). "Seismic safety margins research program (phase I), linear soil-structure interaction," report prepared for Nuclear Test Engineering Division, Mechanical Eng. Department, Lawrence Livermore Laboratory, Livermore, California.
20. Luco, J.E. and R.A. Westmann (1971). "Dynamic response of circular footings," J. of Eng. Mech. Div., ASCE, Vol. 97, No EM5, pp. 1381-1395.
21. Luco, J.E., H.L. Wong and M.D. Trifunac (1975). "A note on the dynamic response of rigid embedded foundation," Earthquake Eng. and Structural Dynamics, Vol. 4, pp. 119-127.
22. Luco, J.E. and H.L. Wong (1990). "Forced vibration of Lotung containment model: theory and observations," J. Eng. Mech. Div., Am. Soc. Civil Engs., Vol. 116, No. EM4, pp. 845-861.
23. Pais, A. L. and E. Kausel (1989). "On rigid foundations subjected to seismic waves," Earthq. Engr. and Struct. Dynam., Vol 18, pp. 475-489.
24. Pao, Y.-H. and C.C. Mow (1971). "Diffraction of elastic waves and dynamic stress concentrations," Rand. Report, R-482-PR.
25. Sánchez-Sesma, F.J., M.A. Bravo and I. Herrera (1985) "Surface motion of topographical irregularities for incident P, SV and Rayleigh waves," Bull. Seism. Soc. Amer., Vol. 75, pp. 297-303.
26. Thau, S.A. (1976). "Radiation and scattering from a rigid inclusion in an elastic medium," J. Applied Mechanics, Am. Soc. Mechanical Engs., Vol. 40, pp. 1041-1066.
27. Todorovska, M.I. and V.W. Lee (1991). "A note on scattering of Rayleigh waves by shallow circular canyons: analytical approach," Bull. Indian Soc. of Earthquake Technology, Paper No. 306, Vol. 28, No. 2, pp. 1-16.
28. Thau, S.A. and A. Umeç (1974). "Coupled rocking and translating vibrations of buried foundations," J. Applied Mechanics, Am. Soc. Mechanical Engs., Vol. 41, pp. 697-702.
29. Todorovska, M.I. and V.W. Lee (1990). "A note on response of shallow circular valleys to Rayleigh waves: analytical approach," Earthquake Eng. and Eng. Vibration, Vol. 10, No. 1, pp. 21-34.
30. Todorovska, M.I. and M.D. Trifunac (1990). "A note on excitation of long structures by ground waves," ASCE, EMD, Vol. 116, No. 4, 952-964.
31. Trifunac, M.D. (1972). "Interaction of a shear wall with the soil for incident plane SH waves," Bull. Seism. Soc. America, Vol. 62, No. 1, pp. 63-83.
32. Trifunac, M.D. (1982). "A note on rotational components of earthquake motions on ground surface for incident body waves," Soil Dynamics and Earthquake Engineering, Vol. 1, No. 1, pp. 11-19.
33. Wong, H.L. (1975). "Dynamic soil-structure interaction," Report EERL-75-01, Earthquake Eng. Research Laboratory, California Institute of Technology, Pasadena, California.

34. Wong, H.L. (1979). "Diffraction of P, SV and Rayleigh waves by surface topographies," Dept. Civil Eng. Report No. CE79-05, Univ. Southern Calif., Los Angeles, California.
35. Wong, H.L. and M.D. Trifunac (1974). "Interaction of a shear wall with the soil for incident plane SH waves: elliptical rigid foundation," Bull. Seism. Soc. America, Vol. 64, No. 6, pp. 1825-1842.
36. Wong, H.L. and M.D. Trifunac (1975). "Two-dimensional, antiplane, building-soil-building interaction for two or more buildings and for incident plane SH waves," Bull. Seism. Soc. America, Vol. 65, No. 6, pp. 1863-1885.
37. Veletsos, A.S. and B. Verbič (1973). "Vibration of viscoelastic foundations," Earthq. Engr. and Struct. Dynam., Vol 2, pp. 87-102.