

山谷參考論文集

- [1] Aki Keiiti and Larner Kenneth L., Surface Motion of a Layered Medium Having an Irregular Interface Due to Incident Plane SH Waves, *J. Geophys. Res.*, Vol, 75, No. 5, pp. 933-954, 10, 1970 February
- [2] Bouchon Michel and Aki Keiiti, Discrete wave-number representation of seismic-source wave fields, *Bull. Seismol. Soc. Am.*, Vol. 67, No. 2, pp. 259-277, 1977 April
- [3] Bouchon Michel, A simple, Complete numerical solution to the problem of diffraction of SH by an irregular surface, *J. Acoust. Soc. Am.* Vol. 77 No. 1, pp. 1-5, 1985 January
- [4] Bouchon Michel, Effect of topography on surface motion, *Bull. Seismol. Soc. Am.*, Vol. 63, No. 3, pp. 615-632, 1973
- [5] Cao Xin-rong, Song Tian-Shu and Liu Dian-jui, Scattering of plane SH-wave by a cylindrical hill of arbitrary shape, *J. Appl. Math. Mech.*, Vol. 22, No. 9, pp. 1082-1089, 2001 September
- [6] Dravinski Marijan and Wilson Mark S., Scattering of elastic waves by a general anisotropic basin. Part 1: a 2D model, *Earthquake Eng. Struct. Dyn.* Vol. 30, pp. 675-689, 2001.
- [7] Dravinski M. and Mossessian T. K., Scattering of plane harmonic p , SV and Rayleigh waves by dipping of arbitrary shape, *Bull. Seismol. Soc. Am.*, Vol. 77, No. 1, pp. 212-235, 1987.
- [8] Hayir Abdul, Todorovska Maria I. and Trifunac Mihailo D., Antiplane response of a dike with flexible soil-structure interface to incident SH waves, *Soil Dyn. Earthqu. Eng.* Vol. 21, pp. 603-613, 2001
- [9] Kawase H., Time-domain response of a semi-circular canyon for incident SV, P, and Rayleigh waves calculated by the discrete wavenumber boundary element method, *Bull. Seismol. Soc. Am.*, Vol. 78, pp. 1415-1437, 1988.
- [10] Lee Vincent W., A note on the scattering of elastic plane waves by a hemispherical canyon, *Soil Dyn. Earthqu. Eng.*, Vol. 1, No. 3, pp. 122-129, 1982,
- [11] Liu Diankui and Han Feng, Scattering of plane SH-wave by cylindrical canyon of arbitrary shape, *Soil Dyn. Earthqu. Eng.*, Vol. 10, No. 5, pp. 249-255, 1991 July
- [12] Liao Wen-I, Teng Tsung-Jen and Yeh Chau-Shiung, A series solution and numerical technique for wave diffraction by a three-dimensional canyon, *Wave Motion* Vol. 39, pp. 129-142, 2004
- [13] Sills Leslie B., Scattering of horizontally-polarized shear waves by surface irregularities, *Geophys. J. R. Astr. Soc.*, Vol. 54, pp. 319-348, 1978
- [14] Sonia Alvarez-Rubio, Francisco J. Sanchez-Sesma, Juan Jose Benito and Enrique

- Alarcon, The direct boundary element method: 2D site effects assessment on laterally varying layered media (methodology), *Soil Dyn. Earthqu. Eng.* Vol. 24, pp. 167-180, 2004.
- [15] Sánchez-Sesma Francisco J., Herrera Ismael and Avilés Javier, A boundary method for elastic wave diffraction: application to scattering of SH waves by surface irregularities, *Bull. Seismol. Soc. Am.*, Vol. 72, No. 2, pp. 473-490, 1982.
- [16] Sánchez-Sesma Francisco J. and Rosenblueth† Emilio, *Earthquake Eng. Struct. Dyn.*, Vol. 7, pp. 441-450, 1979.
- [17] Shan A. H. and Wong K. C., Diffraction of plane SH wave in half-space, *Earthquake Eng. Struct. Dyn.*, Vol. 10, pp. 519-528, 1982.
- [18] Trifunac M. D., Scattering of plane SH waves by a semi-cylindrical canyon, *Earthquake engineering and structural dynamics*, Vol. 1, 267-281, 1973.
- [19] Trifunac M. D., Surface motion of a semi-cylindrical alluvial valley for incident plane SH waves, *Bull. Seismol. Soc. Am.*, Vol. 61, No. 6, pp. 1755-1770, 1971 December.
- [20] Todorovska M. I., Hayir A. and Trifunac M.D. Antiplane response of dike on flexible embedded foundation to incident SH-waves, *Soil Dynamics and Earthquake Engineering* Vol. 21 pp. 593-601, 2001.
- [21] Wong H. L., Effect of surface topography on the diffraction of p, sv, and rayleigh waves, *Bull. Seismol. Soc. Am.*, Vol. 72, No. 4, pp. 1167-1183, 1982 August.
- [22] Wong H. L. and Jennings P. C., Effect of canyon topography on strong ground motion, *Bull. Seismol. Soc. Am.*, Vol. 65, No. 5, pp. 1239-1257, 1975 October.
- [23] Yuan Xiaoming and Liao Z. P., Scattering of plane SH waves by a cylindrical canyon of circular-arc cross-section, *Soil Dyn. Earthqu. Eng.*, Vol. 13, pp. 407-412, 1994.
- [24] 陳志剛 劉殿魁, SH 波衝擊下淺埋任意型孔洞的動力分析, *地震工程與工程振動*, Vol. 24 No. 4, 2004.
- [25] 姜粲 黃榮富 劉殿魁 王國慶, SH 波在淺埋多個圓孔處的地震動, *地震工程與工程振動*, Vol. 24 No. 1, 2004.
- [26] 林宏 史文譜 劉殿魁, SH 波入射時淺埋結構的動力分析, *哈爾濱工程大學學報*, Vol. 22, No. 6, 2001.
- [27] 林宏 劉殿魁, 半無限空間中圓型孔洞周圍 SH 波的散射, *地震工程與工程振動*, Vol. 22, No. 2, 2002.
- [28] 劉殿魁 劉宏偉, 孔邊裂紋對 SH 波的散射及其動應力強度因子, *力學學報*, Vol. 3, No. 3, 1999.
- [29] 劉殿魁 劉宏偉, SH 波散射與邊界圓孔附近的動應力集中, *力學學報*, Vol. 30, No. 5, 1998.
- [30] 劉殿魁 許貽燕, 各項異性介質中 SH 波與多個半圓形凹陷地形的相互作用,

- 力學學報, Vol. 25, No. 1, 1993.
- [31] 房莒光, 二維地表相鄰多個半圓弧溝谷對 SH 波的散射, 地震工程與工程振動, Vol. 15, No. 1, 1995.
- [32] 史守峽 劉殿魁, SH 波與介面多圓孔的散射及應力集中, 力學學報, Vol. 33 No. 1, 2001.
- [33] 許貽燕 韓峰 平面 SH 波在相鄰多個半圓形凹陷地形上的散射, 地震工程與工程振動, Vol. 12 No. 2, 1992.
- [34] 崔志剛 鄭永超 劉殿魁, SH 波對圓弧形凸起地形的散射, 地震工程與工程振動, Vol. 18, No. 4, 1998 Decmber.
- [35] 袁曉銘 廖振鵬, 圓弧形凹陷地形對平面 SH 波散射問題的級數解答, 地震工程與工程振動, Vol. 13, No. 2, 1933 June.
- [36] 袁曉銘 廖振鵬, 任意圓弧形凸起地形對平面 SH 波的散射, 地震工程與工程振動, Vol. 16, No. 2, 1996 Jun.