

## Daftar Pustaka

- Addenbrooke, T. I., Potts, D. M., dan Dabee, B., 2000. "Displacement Flexibility Number for Multipropped Retaining Wall design", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 126, No. 8, August, 2000. ©ASCE, ISSN 1090-0241/00/0008-0718–0726. Paper No. 22249.
- A. Evangelista, Santolo, A. S. dan Simonelli, A. L., 2010. "Evaluation of pseudostatic active earth pressure coefficient of cantilever retaining walls", *Soil Dynamics and Earthquake Engineering*, 30 (2010), 1119–1128, University of Naples Federico II, 80125 Naples, Italy.
- Ahmad, S. M. and Choudhury, D., 2010. "Seismic Rotational Stability of Waterfront Retaining Wall Using Pseudodynamic Method", *International Journal of Geomechanics*, Vol. 10, No. 1, February 1, 2010. ©ASCE, ISSN 1532-3641/2010/1-45–52.
- ASTM D 422 – 63 (Reapproved 1998), "Standard Test Method for Particle-Size Analysis of Soils", 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, United States.
- ASTM D 2216 – 98, "Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass", 100 Barr Harbor Dr., West Conshohocken, PA 19428, Reprinted from the Annual Book of ASTM Standards. Copyright ASTM
- Atik, A. L. and Sitar, N., 2008. "Experimental and Analytical Study of the Seismic Performance of Retaining Structures", *PEER Report 2008/104* Pacific Earthquake Engineering Research Center College of Engineering University of California, Berkeley.
- Atik, A. L. and Sitar, N., 2010. "Seismic Earth Pressures on Cantilever Retaining Structures", *Journal of geotechnical and geoenvironmental engineering*, Vol. 136, No. 10, October 1, 2010. ©ASCE, ISSN 1090-0241/2010/10-1324–1333.
- Babu G. L. S. and Basha, B. M., 2008. "Optimum Design of Cantilever Retaining Walls Using Target Reliability Approach", *International Journal of Geomechanics*, Vol. 8, No. 4, August 1, 2008. ©ASCE, ISSN 1532-3641/2008/4-240–252.
- Basha, M. B. and Babu, S.G. L., 2010. "Seismic Rotational Displacements of Gravity Walls by Pseudodynamic Method with Curved Rupture Surface", *International Journal of Geomechanics*, Vol. 10, No. 3, June 1, 2010. ©ASCE, ISSN 1532-3641/2010/3-93–105.
- Bao Xiao-Hua, YeGuan-Lin, Ye Bin, Sago Yasuki, Zhang Feng., 2014. "Seismic Performance of SSPQ Retaining Wall—Centrifuge Model Tests and Numerical Evaluation.", *Soil Dynamics and Earthquake Engineering*, 61-62(2014)63–82, Crown Copyright & 2014 Published by Elsevier Ltd. Allrights reserved.
- Bowles, J. E., 1986. "Engineering Properties of Soils and Their Measurement", third edition, McGraw-Hill Book Company, New York.
- Brinkgreve, R.B.J., 2005. *Plaxis 2D – Versi 8*, Dynamics Manual, Delft University of Technology & PLAXIS b.v., Belanda
- CAI, Zhenqi and Bathurst, R. J., 1995. "Seismic Response Analysis of Geosynthetic Reinforced Soil Segmental Retaining Walls by Finite Element Method", *Computers and Geotechnics 17 (1995) 523-546* © 1995 Elsevier Science Limited Printed in Great Britain. All rights reserved 0266-352X/95.

- Cakir Tufan, 2014. "Influence of wall flexibility on dynamic response of cantilever retaining walls", *Structural Engineering and Mechanics*, Vol. 49, No. 1 (2014) 1-22, DOI: <http://dx.doi.org/10.12989/sem.2014.49.1.001>, Copyright © 2014 Techno-Press, Ltd. ISSN: 1225-4568 (Print), 1598-6217 (Online)
- Caltabiano, S., Cascone, E. and Maugeri, M., 2000. "Seismic stability of retaining walls with surcharge", *Soil Dynamics and Earthquake Engineering* 20 (2000) 469-476 ©2001 Published by Elsevier Science Ltd.
- Chalermyanont, T., and Benson, C. H., 2004. "Reliability-Based Design for Internal Stability of Mechanically Stabilized Earth Walls", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 130, No. 2, February 1, 2004. ©ASCE, ISSN 1090-0241.2004/2-163-173.
- Choudhury, D. and Chatterjee, S., 2006. "Displacement – Based Seismic Active Earth Pressure on Rigid Retaining Walls", *ejge paper 2006 -0660*, <http://www.ejge.com/2006/Ppr0660/Ppr0660.htm> 11/1/2006.
- Choudhury, D. and Nimbalkar, S. S., 2006. "Pseudo-dynamic approach of seismic active earth pressure behind retaining wall", *Geotechnical and Geological Engineering* ©Springer 2006, 24: 1103-1113, DOI 10.1007/s10706-005-1134-x.
- Choudhury, D. and Singh, S., 2006. "New Approach for Estimation of Static and Seismic Active Earth Pressure", *Geotechnical and Geological Engineering*, ©Springer, 24(1): 117-127. doi:10.1007/s10706-004-2366-x.
- Choudhury, D. and Chatterjee, S., 2006. "Dynamic Active Earth Pressure on Retaining Structures", *S dhan*, Vol. 31, Part 6, December 2006, pp. 721-730. © Printed in India
- Choudhury, D. and Ahmad, M. S., 2008. "Stability of Waterfront Retaining Wall Subjected to Pseudostatic Earthquake Forces", *Journal of Waterway, Port, Coastal, and Ocean Engineering* © ASCE / July/August 2008
- Choudhury, D. and Nimbalkar, S. S., 2008. "Seismic Rotational Displacement of Gravity Walls by Pseudodynamic Method", *International Journal of Geomechanics*, Vol. 8, No. 3, June 1, 2008. ©ASCE, ISSN 1532-3641/2008/3-169-175.
- Choudhury, D. and Ahmad, M. S., 2007. "Stability of Waterfront Retaining Wall Subjected to Pseudodynamic Earthquake Forces", *Ocean Engineering* 34 (2007) 1947-1954, © 2007 Elsevier Ltd. All rights reserved.
- Cilingir, U., 2005. "A Model Study On The Effects Of Wall Stiffness And Surcharge On Dynamic Lateral Earth Pressures", A Thesis Submitted to the Graduate School of Natural and Applied Sciences of Middle East Technical University.
- Choudhury Deepankar, Katdare Amey Deepak, Pain Anindya, 2014. "New Method to Compute Seismic Active Earth Pressure on Retaining Wall Considering Seismic Waves", *International Journal of Geotechnical and Geological Engineering* (2014) 32:391-402, DOI 10.1007/s10706-013-9721-8.
- Choudhury Deepankar, Katdare Amey D., Shukla Sanjay K., Basha B, Munwar, Ghosh Priyanka, 2014. "Seismic Behaviour of Retaining Structures, Design Issues and Requalification Techniques", *Indian Geotechnical Journal* (April-June 2014) 44(2):167-182, DOI 10.1007/s40098-014-0100-z.
- Dhamantra, N., 2015. "Profil Bali". ©dhamantra.com/tentang-bali/2015
- Das, B. M., 1983a. *Fundamental of Soil Dynamics*, Elsevier Pub., NY.
- Das, B. M., 1983b. *Advanced Soil Mechanics*, MacGraw-Hill International Editions.

- Das, B. M., 1990. *Principles Of Foundation Engineering*, second Edition, PWS-KENT Publishing Company, Boston
- Das, B. M., 1993. *Principles Of Soil Dynamics*, PWS-KENT Publishing Company.
- Das, B. M.; Endah, N., and Mochtar, I. B., 1994. “*Mekanika Tanah (Prinsip-prinsip Rekayasa Geotekniks)*”, Erlangga.
- Dewoolkar, M., M. Ko, H –Y. and Pak, R. Y. S., 2001. “Seismic Behavior of Cantilever Retaining Walls with Liquefiable Backfills”, *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 127, No. 5, May, 2001. @ASCE, ISSN 1090-0241/01/0005-0424–0435. Paper No. 22053.
- Elms D.G. and Richards R ., 1979. “Seismic Design of Gravity Retaining Walls”, *Bulletin of The New Zealand National Society for Earthquake Engineering*, vol. 12, no. 3 June 1979
- Feng, Shi-Jin. and Gao, Li-Ya., 2010. “*Seismic analysis for translational failure of landfills with retaining walls*”, *Waste Management* 30 (2010) 2065–2073 2010, © Elsevier Ltd. All rights reserved.
- Fang, Y. S. and Chen, T. J., 1995. “Modification of Mononobe-Okabe Theory”, *Geotechnique Journal*, 45, 1, 165-167.
- Fang, Y.- S., Ho, Y – C. and Chen, T –J ., 2002. “Passive Earth Pressure with Critical State Concept”, *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 128, No. 8, August 1, 2002. ©ASCE, ISSN 1090-0241/2002/8-651–659.
- Fang, Y.S., Yang, Y.C. and Chen, T.J., 2003. “Retaining walls damaged in the Chi-Chi Earthquake”, *Can. Geotech. J. Vol. 40*: 1142–1153 (2003) doi: 10.1139/T03-055 © 2003 NRC Canada.
- Feng, S - J. and Gao, L -Y., 2010. “Seismic analysis for translational failure of landfills with retaining walls”, *Waste Management* 30 (2010) 2065–2073, © 2010 Elsevier Ltd. All rights reserved
- Garg, K.G., 1998. “Retaining Wall With Reinforced Backfill - A Case Study”, *Geotextiles and Geomembranes* 16 (1998) 135-149, © 1998 Elsevier Science Ltd. All rights reserved, *PII S026661144(98)00003-X*
- Ghosh, P., 2008. “Seismic Active Earth Pressure Behind a Nonvertical Retaining Wall Using Pseudo-dynamic Analysis”, *Canada Geotech. J. Vol. 45*: 117–123 (2008) doi:10.1139/T07-071 © 2008 NRC Canada.
- Goh A. T. C., Phoon K. K. and Kulhawy F. H., 2009. “Reliability Analysis of Partial Safety Factor Design Method for Cantilever Retaining Walls in Granular Soils”, *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 135, No. 5, May 1, 2009. ©ASCE, ISSN 1090-0241/2009/5-616–622.
- Ghosh, S., 2010. “Pseudo-dynamic Active Force and Pressure Behind Battered Retaining Wall Supporting Inclined Backfill”, *Soil Dynamics and Earthquake Engineering* 30 (2010) 1226–1232, & 2010ElsevierLtd.Allrightsreserved.
- Ghosh, S. and Sharma R. P., 2010. “Pseudo-Dynamic Active Response of Non-Vertical Retaining Wall Supporting c-U Backfill”, *Geotech Geol Eng (2010) 28*:633–641, DOI 10.1007/s10706-010-9321-9, © Springer Science+Business Media B.V. 2010.
- Ghosh, S. and Sharma R. P., 2012. “Seismic Active Earth Pressure on The Back of Battered Retaining Wall Supporting Inclined Backfill”, *International Journal of Geomechanics*, Vol. 12, No. 1, February 1, 2012. ©ASCE, ISSN 1532-3641/2012/1-54–63.

- Goel, S. and Patra, N.R., 2008. "Effect of Arching on Active Earth Pressure for Rigid Retaining Walls Considering Translation Mode", *International Journal of Geomechanics*, Vol. 8, No. 2, April 1, 2008. ©ASCE, ISSN 1532-3641/2008/2-123-133.
- Golpazir Iman, Ghalandarzadeh Abbas, Jafari Mohammad Kazem, Mahdavi Mehdi, 2016. "Dynamic properties of polyurethane foam-sand mixtures using cyclic triaxial tests", *International Journal of Construction and Building Materials*, 118 (2016) 104-115 © 2016 Elsevier Ltd. All rights reserved.
- Gouw Tjie-Liong, Aryanto Ferry, Hidayat Irpan, 2013. "Analisa Beban Gempa pada Dinding Besmen dengan Plaxis 2D". *Pertemuan Ilmiah Tahunan ke 17, HATTI, 13-14 Jan 2013, Hotel Borobudur, Jakarta*
- Hakam, A., 2008. "Rekayasa Pondasi", CV Bintang Grafika Padang.
- Hakam, A., 2011. "Pondasi Mesin, Analisis Getaran", CV. FERILLA. Padang.
- Hardiyatmo, C. H., 1994. "Mekanika Tanah", Penerbit PT Gramedia Pustaka Utama, Jakarta.
- Hatami, K. and Bathurst, R.J., 2000. "Effect of Structural Design on Fundamental Frequency of Reinforced-soil Retaining Walls", *Soil Dynamics and Earthquake Engineering* 19 (2000) 137-157, 2000 © Elsevier Science Ltd. All rights reserved.
- Hausmann, M.R., 1990. "Engineering Principles of Ground Modification", McGraw-Hill Publishing Company.
- Hazarika, H., 2009., 2009. "Prediction of Seismic Active Earth Pressure Using Curved Failure Surface with Localized Strain", *American J. of Engineering and Applied Sciences* 2 (3): 544-558, 2009, ISSN 1941-7020, © 2009 Science Publications
- Heidari A., 2011. "Calculation of Frequency of Retaining Wall by Back Propagation Neural Network", *Asian Journal of Civil Engineering (Building and Housing)*, vol. 12, no. 3 (2011), pages 267-278.
- Hidayati, A.M., Prabandiyani, S.R.W. and Redana, I.W., 2014. "Laboratory Tests On Failure Of Retaining Walls Caused By Sinusoidal Load", *Applied Mechanics and Materials* © (2015) doi:10.4028/www.scientific.net/AMM.776.41, *Trans Tech Publications, Switzerland*
- Hidayati, A.M., Prabandiyani, S.R.W. and Redana, I.W., 2015. "The Shape of Slide Surface of Gravity Retaining Walls Construction on Sand by Small Scale Sinusoidal Dynamic Load Tests", *Procedia Engineering* 125 ( 2015 ) 338 – 344, 1877-7058 © 2015 The Authors. Published by Elsevier Ltd. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>). Peer-review under responsibility of organizing committee of The 5th International Conference of Euro Asia Civil Engineering Forum (EACEF-5), doi: 10.1016/j.proeng.2015.11.072
- Hidayati, A.M., Prabandiyani, S.R.W. and Redana, I.W., 2015. "The Influence of Dynamic Acceleration of Sinusoidal Loads to The Landslide Surface of Cantilever Retaining Walls", *International Conference on "Landslides and Slope Stability" Advancement of Research, Practice, and Integrated Solution on Landslide (SLOPE 2015)*

- Hossain, M.S., Kibria, G., Khan, M.S., Hossain, J., and Taufiq, T., 2011. "Effects of Backfill Soil on Excessive Movement of MSE wall", *Journal of Performance of Constructed Facilities*. Submitted February 17, 2011; accepted August 16, 2011; posted ahead of print August 18, 2011. doi:10.1061/(ASCE)CF.1943-5509.0000281
- Huang, C – C , and Chen, Y - H., 2004. 2004. "Seismic Stability of Soil Retaining Walls Situated on Slope", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 130, No. 1, January 1, 2004. ©ASCE, ISSN 1090-0241/2004/1-45-57.
- Huang, C – C , 2005. "Seismic Stability of Soil Retaining Walls Situated on Slope", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 131, No. 9, September 1, 2005. ©ASCE, ISSN 1090-0241/2005/9-1108-1117.
- Huang C – C , Wu, S.- H. and Wu, H - J., 2009. "Seismic Displacement Criterion for Soil Retaining Walls Based on Soil Strength Mobilization", *Journal of Geotechnical and Geoenvironmental Engineering* Vol. 135, No. 1, January 1, 2009. ©ASCE, ISSN 1090-0241/2009/1-74-83.
- Ibrahim, Ismail Hafez Mohamed Kamal, 2015. "Seismic displacement of gravity retaining walls", *Housing and Building National Research Center (HBRC) Journal* (2015) 11, 224-230, 1687-4048 ©2014 Production and hosting by Elsevier B.V. on behalf of Housing and Building National Research Center. <http://dx.doi.org/10.1016/j.hbrj.2014.03.006>
- Ilyas, T., 2006. "Pemanfaatan modelling untuk memecahkan masalah geoteknik (Physical modelling application for solving geotechnical problems)", Pidato Pada Upacara Pengukuhan, Sebagai Guru Besar Tetap Dalam Bidang Geoteknik Teknik Sipil, Pada Fakultas Teknik Universitas Indonesia, Jakarta, 24 Mei 2006
- Irsyam, M., Sahadewa, A. and Darjanto, H., 2008. *Dinamika Tanah dan Fondasi Mesin*, Penerbit ITB, Bandung.
- Irsyam, M., Sengara, IW., Aldiamar, F., Widiyantoro, S., Triyoso, W., Natawijaya, DH., Kertapati, E., Meilano, I., Suhardjono, Asrurifak, M., Ridwan, M., 2010. "Ringkasan Hasil Studi Tim Revisi Peta Gempa Indonesia 2010".
- Ishibashi, I. and Fang, Y – S ., 1987. "Dynamic Earth Pressures with Different Wall Movement Modes", *Soils And Foundations*, Vol. 27, NO. 4, 11-22, Dec. 1987, *Japanese Society Of Soil Mechanics And Foundation Engineering*.
- Kammerer, A., Wu, J., Riemer, M., Pestana, J., and Seed, R., 2004. "A New Multi-directional Direct Simple Shear Testing Database", *13th World Conference on Earthquake Engineering* Vancouver, B.C., Canada August 1-6, 2004 paper no. 2083
- Karpurapu, R. And Bathurst, R. J., 1995. "Behaviour of Geosynthetic Reinforced Soil Retaining Walls Using The Finite Element Method", *Computers md Geotechnics 17 (1995) 219-299* © 1995 Elsevier Science Limited Printed in Great Britain. All rights reserved 0266-352X/95.
- Kloukinas P, Scotto S.A, Penna A, Dietz M, Evangelista, Simonelli A.L, Taylor C, Mylonakis, 2015. "Investigation of seismic response of cantilever retaining walls: Limit analysis vs shaking table testing", *Soil Dynamics and Earthquake Engineering*, 77 (2015) 432-445, <http://dx.doi.org/10.1016/j.soildyn.2015.05.018> 0267-7261/& 2015ElsevierLtd.Allrightsreserved.
- Kramer, Steven L. 1996. *Geotechnical Earthquake Engineering*. Upper Saddle River, New Jersey 07458: Prentice Hall, Inc.

- Krishna, A. M. and Latha, G. M., 2011. "Modeling the Dynamic Response of Wrap Faced Reinforced Soil Retaining Walls", *International Journal of Geomechanics*. Submitted June 30, 2010; accepted March 4, 2011; posted ahead of print March 7, 2011. doi:10.1061/(ASCE)GM.1943-5622.0000128.
- Latha, G. M. and Krishna, A. M., 2008. "Seismic Response of Reinforced Soil Retaining Wall Models: Influence of Backfill Relative Density", *Geotextiles and Geomembranes* 26 (2008) 335–349, Received 24 May 2007 © Elsevier Ltd. All rights reserved.
- Li, X., Wu, Y., He, S., 2010. "Seismic Stability Analysis of Gravity Retaining Wall", *Journal Soil Dynamics and Earthquake Engineering*, 30 (2010) 875-878 © Elsevier Ltd. All rights reserved.
- Ling, H. I., Leshchinsky, D., Wang, J – P ., Mohri, Y. , and Rosen, A., 2009. "Seismic Response of Geocell Retaining Walls: Experimental Studies", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 135, No. 4, April 1, 2009. ©ASCE, ISSN 1090-0241/2009/4-515–524.
- Ling, H. I., Yang, S., Leshchinsky, D., Liu, H., and Burke, C., 2010. "Finite-Element Simulations of Full-Scale Modular-Block Reinforced Soil Retaining Walls under Earthquake Loading", *Journal of Engineering Mechanics*, Vol. 136, No. 5, May 1, 2010. ©ASCE, ISSN 0733-9399/2010/5-653–661.
- Liu, F.Q., and Wang, J.H., 2007. "A generalized slip line solution to the active earth pressure on circular retaining walls", *Computers and Geotechnics* 35 (2008) 155–164, [www.elsevier.com/locate/compgeo](http://www.elsevier.com/locate/compgeo).
- Lo Grasso, A. S., Maugeri, M., and Motta, E., 2004. "Experimental results on earth pressures on rigid wall under seismic condition", *Proceeding of 13<sup>th</sup> World Conference on Earthquake Engineering*, Canada. August 1-6, 2004 Paper No. 1808.
- Maksimovic, M., 1989. "Nonlinear Failure Envelope for Soils", *Journal Geotechnical Engineering, Engineering*, Vol. 115, No. 4, April, 1989. ©ASCE, ISSN 0733 9410/89/0004-0581. Paper No. 23400.
- Maleki, S. and Mahjoubi, S., 2010. "A New Approach for Estimating the Seismic Soil Pressure on Retaining Walls", *Transaction A: Civil Engineering* Vol. 17, No. 4, pp. 273-284, © Sharif University of Technology, Tehran, Iran.
- Mandal, T., Jadhav, R., Tank, J., Bhagat, B., Deshmukh, V.B., 2011. "Behavior of Retaining Wall under Static and Dynamic Active Earth Pressure", *International Journal of Earth Sciences and Engineering* ISSN 0974-5904, Volume 04, No 06 SPL, October 2011, pp. 107-112
- Matsuo, H., and Ohara, S., 1960. "Lateral Earth Pressure And Stability Of Quay Walls During Earth-Quakes".
- Mitchel, J.K., 1976. "*Fundamentals of Soil Behaviour*" by John Wiley & Sons, Inc.
- Mononobe, N., and Matsuo, H., 1929. "On Determination of Earth Pressure during Earthquake", *Proceedings World Engineering Conference*, Tokyo, Japan, Vol. 9.
- Mylonakis, G., Kloukinas, P., and Papantonopoulos, C., 2006. "An Alternative to The Mononobe–Okabe Equations For Seismic Earth Pressures", *Soil Dynamics and Earthquake Engineering* 27 (2007) 957–969, Department of Civil Engineering, University of Patras, Rio 26500, Greece.
- Nadim, F. and Whitman, R.V., 1983. "Seismic Induced Movement of Retaining Walls", *Journal of Geotechnical Engineering*, Vol. 109, No. 7, July, 1983. ©ASCE, ISSN 0733-9410/83/0007-0915. Paper No. 18091.

- Okabe, S., 1924. "General Theory of Earth Pressure and seismic Stability of Retaining Wall and Dam", *Journal of Japanese Soc. of Civil Engineering*, Vol. 10, No. 6.
- Onur M. Inanc, Tuncan Mustafa, Bertan Burak Evirgen, Tuncan Ozdemir and Ahmet., 2016. "Behavior of Soil Reinforcements in Slopes", *Advances in Transportation Geotechnics 3. The 3rd International Conference on Transportation Geotechnics*, Procedia Engineering Volume 143, 2016, Pages 483–489 © 2005 Elsevier
- Ostadan, F., 2004. "Seismic Soil Pressure for Building Walls-An Updated Approach", *Soil Dynamics and Earthquake Engineering 25 (2005) 785–793* © 2005 Elsevier Ltd. All rights reserved.
- Ostadan, F., and White, W. H., 2011. "Lateral Seismic Soil Pressure-An Updated Approach," *Bechtel Technical Grant Report, Bechtel Corporation, San Francisco, California*.
- Prakash, S., 1981. "Soil Dynamics", McGraw-Hill, Inc.
- Prakash, S., and Puri, V. K., 1988. "Foundations for Machines : Analysis and Design", John Wiley & Sons, Inc.
- Redana, I. W., 2010. "Teknik Pondasi", Udayana University Press.
- Redana, I. W., 2011. "Mekanika Tanah", Udayana University Press.
- Richards, R. Jr., Huang, C., L., and Fishman K., 1999. "Seismic Earth Pressure on Retaining Structures", *Journal Geotechnical Geoenvironmental Engineering*, Vol. 125, No. 9, September, 1999. ©ASCE, ISSN 1090-0241/99/0009-0771–0778, Paper No. 19303.
- Sadrekarami, A., 2010. "Pseudo-static Lateral Earth Pressures on Brokenback Retaining Walls", *Can. Geotech. J. Vol. 47: 1247-1258 (2010)*, doi:10.1139/T10-025, Published by NRC Research Press.
- Scott, R. F., 1973. "Earthquake-Induced Pressure on Retaining Walls", *Proceeding 5<sup>th</sup> World Conference on Earthquake Engineering, Rome*.
- Scotto, S. A. and Evangelista, A., 2011. "Dynamic Active Earth Pressure on Cantilever Retaining Walls", *Computers and Geotechnics 38 (2011) 1041–1051*, © 2011 Elsevier Ltd. All Rights Reserved
- Shekarian, S. and Ghanbari, A., 2008. "New Seismic Parameters in The Analysis of Retaining Walls With Reinforced Backfill", *Geotextiles and Geomembranes 26 (2008) 350–356*, © Elsevier Ltd. All rights reserved.
- Shekarian, S. and Ghanbari, A., 2008. "A Pseudo-Dynamic Method to Analyze Retaining Wall with Reinforced and Unreinforced Backfill", *JSEE: Spring 2008, Vol. 10, No. 1 / 41-47*.
- Sheahan, T. C., and Ho, C. L., 2003. "Simplified Trial Wedge Method for Soil Nailed Wall Analysis", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 129, No. 2, February 1, 2003. ©ASCE, ISSN 1090-0241/2003/2-117–124.
- Sherif, A. M., and Fang, Y - S., 1984. "Dynamic Earth Pressures On Walls Rotating About The Top", *Soils And Foundation, Vol. 24, No. 4, 109-117, Japanese Society of Soil Mechanics And Foundation Engineering (paper)*.
- Shukla, K. S., Gupta, S. K., and Sivakugan, N., 2009. "Active Earth Pressure on Retaining Wall for  $c_{-}$  Soil Backfill under Seismic Loading Condition", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 135, No. 5, May 1, 2009. ©ASCE, ISSN 1090-0241/2009/5-690–696.

- Siddharthan, R. V., Ganeshwara, V., Kutter, B. L., El-Desouky, M. and V. Whitman, R., 2004. "Seismic Deformation of Bar Mat Mechanically Stabilized Earth Walls. I: Centrifuge Tests", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 130, No. 1, January 1, 2004. ©ASCE, ISSN 1090-0241/2004/1-14-25.
- Simth, C.C. and Cubrinovski, M., 2011. "Pseudo-static Limit Analysis by Discontinuity Layout Optimaton : Application to Seismic Analysis of Retaining Walls", *Journal Soil Dynamics and Earthquake Engineering*, 31 (2011) 1311-1323 © Elsevier Ltd. All rights reserved.
- Song, F., and Zhang, J – M., 2011. "Estimation of Seismic Earth Pressures Against Rigid Retaining Structures with Rotation Mode", *The Open Civil Engineering Journal*, 2011, 5, 52-60
- Sumiartha, P., 2002. "Analisis Interaksi Tanah-Struktur Dengan Metode Elemen Hingga Untuk menentukan Distribusi Tekanan Tanah Lateral Dinamis Pada Dinding Basement", Thesis Magister, ITB.
- Tafreshi, M.S.N., and Nouri, T. A., 2008. "Seismic Stability of Reinforced Retaining Wall", *The 14<sup>th</sup> World Conference on Earthquake Engineering, October 12-17, 2008, Beijing, China*.
- Tang, Y. and Yeh, C – S., 2011. "A Note on The Seismic Response of Rigid Cantilever Retaining Walls", *Nuclear Engineering and Design* 241 (2011) 693–699, Published by Elsevier B.V.
- Tiznado, J.C. and Rodriguez-Roa, F., 2011. "Seismic lateral movement prediction for gravity retaining walls on granular soils", *Soil Dynamics and Earthquake Engineering* 31 (2011) 391–400. & 2010 Elsevier Ltd. All rights reserved.
- Tufenkjian, M. R., and Vucetic, M., 2000. "Dynamic Failure Mechanism of Soil-nailed Excavation Models in Centrifuge", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 126, No. 3, March, 2000. ©ASCE, ISSN 1090-0241/00/0003-0227–0235/Paper No. 19936.
- Wang, J – J., Zhang, H – P., Zhang, C – L., and Chai, H - J., 2007. "Static and Seismic Active Earth Pressure by Saturated Backfill with Surcharge".
- Wang Li-yan, Gao Peng, Iai Susumu, 2014. "Numerical Study on Seismic Performances of Geogrid Reinforced Soil Retaining Walls in Liquefiable Backfill Sand", *Journal of Engineering Science and Technology Review*, 7 (1) (2014) 109 – 115.
- Wang Liyan, Chen Guoxing, Chen Su., 2014. "Experimental Study on Seismic Response of Geogrid Reinforced Rigid Retaining Walls with Saturated Backfill Sand", *Geotextiles and Geomembranes* 43 (2015) 35-45, © 2014 Elsevier Ltd. All rights reserved
- Wangsadinata, W., 2002. "Pembebanan Gempa pada Dinding Besmen", *Jurnal Teknik Sipil Universitas Tarumanegara*, 3, 259-279.
- Whitman, R.V., and Liao, S., 1985. "Seismic design of retaining walls". U.S. Waterways Experiment Station, Vicksburg, Miss. Miscellaneous Paper GL-85-1.
- Whitman, R.V., 1990. "Seismic design and behavior of gravity retaining walls". In *Proceedings of the ASCE Specialty Conference on Design and Performance of Earth Retaining Structures. American Society of Civil Engineers, Geotechnical Special Publication 25*, pp. 817–842.
- Wood, J. H., 1973. "Earthquake-Induced Soil Pressures On Structures", *Report EERL 73-05*, California Institute Of Technology, Pasadena.



- Wu, G., and Finn, L. W. D., 1999. "Seismic Lateral Pressures for Design of Rigid Walls", *Can. Geotech. J.* 36: 509–522 © 1999 NRC Canada
- Wu, G., 2010. "Seismic Soil Pressures on Rigid Walls with Sloped Backfills", *Fifth International Conference On Recent Advances In Geotechnical Earthquake Engineering And Soil Dynamics and Symposium of Honor Prefessor I.M. Idris*, 2010, San Diego, California.
- Zeng, X., and Steedman, R. S., 2000. "Rotating Block Method for Seismic Displacement of Gravity Walls", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 126, No. 8, August, 2000. ©ASCE, ISSN 1090-0241/00/0008-0709–0717. Paper No. 20909.

