

CURRICULUM VITAE

Sahand University of technology
P.O.Box 51335-1996, Tabriz, IRAN

PERSONAL INFORMATION

Name: Ahmad Reza
Family Name: Mostafa Gharabaghi
Faculty: Civil Engineering

DEGREES

- Ph.D. Coastal Engineering, Tokyo University, Japan
 Thesis: Mathematical Modelling of Waves and Currents in Surf and Swash Zones
- M.Sc. Hydraulic Structures, Sharif Univ. of Tech., Iran
 Thesis: Structural Design of Submarines
- B.Sc. Civil Engineering, Sharif Univ. of Tech., Iran

POSITIONS HELD

Vice Chancellor of Research and Planning (Sahand Univ. of Tech.)
 Dean of Civil Engineering Dept.(Sahand Univ. of Tech.)
 Head of Central Library (Sahand Univ. of Tech.)

AWARDS

Japanese Government (MONBUSHO) Scholarship

PROJECTS

1- Numerical Modeling of Periodically Moving Boundary in Swash Zone, Tokyo University (1998)

- Translated Books

()
 Water wave mechanics for engineers and scientists

-Journal Papers

- " ()
- 2) S.R. Hosseini, N. Choopani and A.R. Mostafa Gharabaghi, " Geometry Calibration Factors of Modified Arcan Fracture Test for Welded Joint" International Journal of Mechanical, Industrial and Aerospace Engineering, vol.2 (4), 2008, pp.241-246
- 3) M. Pasbani Khiavi, A.R.M.Gharabaghi, K.Abedi "Effect of Sediment on Dynamic Pressure of Gravity Dams Using an Analytical Solution" AIP Conference Proceedings, vol.1020(1), 2008, pp. 558-565

5) A. Arabloui, A. Ghalandarzadeh, A.R. Mostafa Gharabaghi, "A Numerical Study of Liquefaction Induced Deformation on Caisson-Type Quay Wall Using a Partially Coupled Solution (accepted for publication in J. of Offshore Mechanics and Arctic Engineering)

7) A. Arablouei, A.R.M.Gharabaghi, A.Ghalandarzadeh, K.Abedi, "Effect of Fluid-Structure Interaction on Seismic Performance of Caisson-Type Quay Wall" (submitted for publication)

**-Conference
Papers**

2- M.Pasbani, A.R.Mostafa Gharabaghi and K. Abedi, " Dynamic Analysis of Porous Media using Finite Element Method" World Academy of Science, Engineering and Technology 58 (2009) pp. 183-187

3- Z. Omrani, A.R. Mostafa Gharabaghi, K. Abedi, "Effect of Diameter to Thickness Ratio and External Pressure on the Velocity of Dynamic Buckle Propagation in Offshore Pipeline", The 19th. International Offshore (Ocean) and Polar Engineering Conference, ISOPE-2009, Osaka, Japan, June 21-26, 2009, pp. 578-583

"Punch Through

10- S.Nouri, A.R. Mostafa Gharabaghi and S. Mazaheri, " Analysis of Ship Collision with a Semi-submersible Platform", The 8th. ISOPE PACOMS-2008, Bangkok, Thailand, November 10-14, 2008, pp.164-171

11- S.R.Hosseini, A.R.Mostafa Gharabaghi, N.A.Choupani, "Mechanical and Macroscopic Evaluation of Fracture Surface for Butt Weld under Mixed-Mode Condition", The 2nd International Conference on Technical Inspection and NDT, Tehran, Iran, October 21-22, 2008

12- M. Pasbani-Khiavi, A.R. Mostafa Gharabaghi and K.Abedi, " Dam-Reservoir Interaction Analysis using Finite Element Model", The 14th. World Conference on Earthquake Engineering, Beijing, China, October 12-17, 2008

"Punch Through

(TINDT2008)

16- S.R. Hosseini, N. Choopani and A.R. Mostafa Gharabaghi, " Geometry Calibration Factors of Modified Arcan Fracture Test for Welded Joint" World Congress on Science, Engineering and Technology (WCSET2008), Prague, Czech, 25-27July 2008

17- S.R. Hosseini, N. Choopani and A.R. Mostafa Gharabaghi, "Experimental Estimation of Mixed-Mode Fracture Properties of Steel Weld" World Congress on Science, Engineering and Technology (WCSET 2008), Prague, Czech, 25-27July 2008

18- M. Pasbani Khiavi, A.R. Mostafa Gharabaghi, K.Abedi, " Effect of Sediment on Dynamic Pressure of Gravity Dams Using an Analytical Solution", 2008 Seismic Engineering Conference, Commemorating the 1908 Messina and Reggio Calabria Earthquake, Reggio Calabria, Italy, 8-11 July 2008, pp.558-565

19- A.R.Mostafa Gharabaghi, Z. Omrani, S.R. Hosseini, S. Nouri, " Effect of Wave Loading on the Seismic Behavior of a Typical Fixed Jacket-type Platform", 27th Int. Conf. on Offshore Mechanics and Arctic Engineering, OMAE2008, Estoril, Portugal, 15-20 June 2008

20- A. Arablouei, A. Ghalandarzadeh, A.R.Mostafa Gharabaghi, " A Numerical Study of Liquefaction Induced Deformation on Caisson-Type Quay Wall Using a Partially Coupled Solution", 27th Int. Conf. on Offshore Mechanics and Arctic Engineering, OMAE2008, Estoril, Portugal, 15-20 June 2008

22- O. Nejadkazem, A.R. Mostafa Gharabaghi, "A Survey of passive wave absorbers", 4th National Congress on Civil Engineering, University of Tehran, 6-8 May 2008

ISME 2008

25- M. Azimirad, A.R.M. Gharabaghi, M.R. Chenaghloou, "Deterministic-Spectral Fatigue Analysis of a Typical Jacket Platform (SPD1) Using Directional Wave Spectrum", 26th Int. Conf. on Offshore Mechanics and Arctic Engineering, OMAE2007, June 10-15, San Diego, California, USA

26- M. Abbasi, A.R.M. Gharabaghi, "Study the Effect of Wave Directionality on Dynamic Nonlinear Behavior of Jack-up Subjected to Wave and Earthquake Loading", 26th Int. Conf. on Offshore Mechanics and Arctic Engineering, OMAE2007, June 10-15, San Diego, California, USA

27- R. Talebpour, K. Abedi, A.R.M. Gharabaghi, "Finite Element Modeling of Collapse Propagation in Offshore Pipelines". 9th US National Congress on Computational Mechanics, July 23-26, San Francisco, CA, USA

(SPD1)

33- A.R.M. Gharabaghi, A. Arabloui, K. Abedi, A. Ghalandarzadeh, The dynamic response of gravity type quay wall during earthquake including soil-sea-structure interaction, 25th. Int. Conf. On Offshore

Mechanics and Arctic Engineering, OMAE2006, June 4-9 2006, Hamburg, Germany

34- J. Daraei, A.R.M. Gharabaghi and M.R. Chenaghlo, Investigation into the effect of initial and secondary ship impact on the integrity of a typical jack-up platform, 25th. Int. Conf. On Offshore Mechanics and Arctic Engineering, OMAE2006, June 4-9 2006, Hamburg, Germany

35- Kh. Rostami, A.R.M. Gharabaghi, M.R. Chenaghlo and A. Arabloui, Finite element analysis of residual stresses in TT-welded joint of a fixed jacket platform, 25th. Int. Conf. On Offshore Mechanics and Arctic Engineering, OMAE2006, June 4-9 2006, Hamburg, Germany

36- R. Talebpour, K. Abedi and A.R.M. Gharabaghi, Buckle propagation in pipelines under non-uniform pressure, 25th. Int. Conf. On Offshore Mechanics and Arctic Engineering, OMAE2006, June 4-9 2006, Hamburg, Germany

-

-

-

KK

(SCF)

-

۱۳۸۵

-

TT

-

‘

-

- -

-

45-Etemad A., Mostafa Gharabaghi A.R., Chenaghlo M.R., “Nonlinear dynamic behavior of fixed jacket type offshore platforms subjected to simultaneously acting wave and earthquake loads”, 23rd Int. Conf. On Offshore Mechanics and Arctic Engineering OMAE2004, 20-23 June, 2004, Vancouver, Canada

46-Dousti M., Mostafa Gharabaghi A.R., Chenaghlou M.R., "Study of nonlinear dynamic behavior of a typical jacket type platform under environmental loading (wave & current) and blast overpressure", 23rd Int. Conf. On Offshore Mechanics and Arctic Engineering OMAE2004, 20-23 June, 2004, Vancouver, Canada

-

-

-

CPT

-

-

-

-

-

-

-

-

- ICCE-6

53-Akbarpour M.R., Mostafa Gharabaghi A.R., Emami Azad M.R., "Fatigue analysis of tubular joints for offshore jacket platforms under sea waves and currents." 5th. Int. Conf. on Coasts, Ports, and Marine Structures, ICOPMAS 14-17 Oct. 2002, Ramsar, Iran

54- Mostafa Gharabaghi A.R., "Periodically moving boundary; An extension to model breaking waves in surf and swash zones "5th. Int. Conf. on Coasts, Ports, and Marine Structures, ICOPMAS 14-17 Oct. 2002, Ramsar, Iran

55- Mostafa Gharabaghi A.R., "Simulation of rip current system using modified Boussinesq equations" Int. Conf. on Hydraulic Structures, 1-2 May 2001, Kerman, Iran

56- Mostafa Gharabaghi A.R., "Numerical modeling of breaking waves' behavior at nearshore zone" 5th. Int. Conf. of Civil Eng., ICCE-5, 8-10 May 2000, Mashhad, Iran

-

- ICOPMAS 98

-

- ICOPMAS 98

TT

:

:

:

:

:

:

:

:

:

