

CURRICULUM VITAE

I. GENERAL INFORMATION

Name: Hassan Moslemi Naeini

Place of Birth: Naein, Isfahan, I. R. of IRAN

Date of Birth: 12 Tir 1344 (July 3, 1965) **Age:** 49 Years

Nationality: Iranian

Marital Status: Married (3 Children)

Home Address: The First Floor, No. 2, Afsarmanesh Lane, Sindokht Street, West Fatemi Street, Tehran 1411913953, I. R. IRAN.

Tel./Fax: +98-21-88635665

E-mail: moslemi@modares.ac.ir

Religion: Islam-Shiite

II. EDUCATION BACKGROUND

II.1 High School:

Name of the School: Shahid Nabavimanesh

Date of Entrance: September 23, 1979

Date of Termination: August 30, 1984

Degree obtained: High School Diploma

Address: Isfahan, I.R. Iran

II.2 Undergraduate Education:

Name of the School: Isfahan University of Technology

Date of Entrance: February 20, 1984

Date of Termination: July 1989

Degree obtained: Bachelor of Science in Mechanical Engineering-Applied Design

Address: Isfahan, I.R. Iran

II.3 Postgraduate Education:

II. 3-1 MS Course

Name of the School: Tarbiat Modares University

Date of Entrance: February 20, 1990

Date of Termination: September 20, 1993

Degree obtained: Master of Science in Mechanical Engineering-Applied Design

Title of Thesis: Computer Aided Design of Rolls for Cold Roll Forming Process of Circular Pipes

Address: Tehran-I.R. Iran

II. 3-2 Ph.D. Course

Name of school: Kiuchi Lab., Institute of Industrial Science, The University of Tokyo

Date of Entrance: April 1, 1996

Date of Termination: Feb. 10, 2000

Degree obtained: Doctor of Engineering Synthesis in Mechanical Engineering

Title of Thesis: Study on Design Method of Rolls for Reshaping of Non-Circular Pipes

Supervisor: Prof. Manabu Kiuchi

Address: Tokyo, JAPAN.

III. PROFESSIONAL EXPERIENCES

Place of Work-1: University Jihad

Date of Entrance: April 1986

Date of Termination: April 1990

Position: Responsible of Propaganda Division and Researcher

Main activities: Propaganda and Research

Address: Isfahan University of Technology, Isfahan, I.R. Iran

Place of Work-2: Tarbiat Modares University

Date of Entrance: September 1993

Date of Termination: Continue

Position: Professor

Main activities: Lecture and research

Address: Faculty of of Mechanical Engineering, Tarbiat Modares University, P. O. Box 14115-143, Tehran, Islamic Republic of Iran.

Tel. : ++98-21-82883390

Fax : ++98-21-88005040

E-mail: moslemi@modares.ac.ir

IV. SOCIETIES

The Iran Society of Mechanical Engineers
Japan Society for Technology of Plasticity
Society of Manufacturing Engineering of Iran

V. PUBLICATIONS

V.1 Conference

1. H. Moslemi Naeini, M.H. Sadeghi and A. Hoseini, "Computer Aided Design of Rolls for Cold Roll Forming of Pipes", Proceedings of the first Production and Manufacturing Engineering Conference, Amir Kabir University of Technology, 13-14 Oct. 1993, Tehran, I.R. of Iran, pp. 68-76 (In Persian).
2. H. Moslemi Naeini, M.H. Sadeghi, M. Farzin and A. Hoseini, "Automated Design of Rolls for Cold Roll Forming by Using Down-Hill Method ", Proceedings of the second Annual Iranian Society of Mechanical Engineering Conference, Sharif University of Technology, 2-5 May 1994, Tehran, I.R. of Iran, pp. 191-199 (In Persian).
3. H. Moslemi Naeini, M.H. Sadeghi and M. Farzin, "Computer Aided Simulation of Cold Roll Forming Process of Pipes", Proceedings of the Third Annual Iranian Society of Mechanical Engineering Conference, AmirKabir University of Technology, 14-17 May 1995, Tehran, I.R. of Iran, pp. 955-962 (In Persian).
4. Kiuchi M., Shintani K., Moslemi Naeini H. et al, STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 1)-Numerical Analysis of Deformation of Round Tube/Pipe-, The 48th Japanese Joint Conference for the Technology of Plasticity, Nov.12-14, 1997, Yamaguchi, Japan, pp. 239-240 (In Japanese).
5. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 2)- Numerical Analysis of Deformation of Pipe with "+" Sections -, The 1998 Japanese Spring Conference for the Technology of Plasticity, May 13-15, 1998, Osaka, Japan, pp. 451-452. (In Japanese).

6. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 3)- Numerical Analysis of Deformation of Pipe with "+" Sections -, The 1998 Japanese Spring Conference for the Technology of Plasticity, May 13-15, 1998, Osaka, Japan, pp. 453-454 (In Japanese).
7. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 4)- Numerical Analysis of Deformation of "Channel-Type" Pipes -, The 49th Japanese Joint Conference for the Technology of Plasticity, Nov. 21-23, 1998, Tokyo, Japan, pp. 411-412 (In Japanese).
8. Kiuchi M., Moslemi Naeini H., Shintani K., NUMERICAL ANALYSIS OF RESHAPING PROCESSES OF PIPES WITH NON-CIRCULAR CROSS-SECTIONS, the 6th International Conference on Technology of Plasticity, Sep. 19-23, 1999, Germany, pp. 2399-2404 (In English).
9. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 5)- Numerical Analysis of Deformation of "Channel-Type" Pipes -, The 1999 Japanese Spring Conference for the Technology of Plasticity, May 13-15, 1999, Miyashirocho, Japan, pp. 9-10 (In Japanese).
10. Kiuchi M., Moslemi Naeini H., Shintani K., COMPUTER AIDED DESIGN (CAD) OF ROLLS FOR RERSHAPING PROCESSES OF "CHANNEL-TYPE" PIPES, the International Symposium on Advance Forming and Die Manufacturing Technology (AFDM'99), Sep. 7-9, 1999, Haeundae, Pusan, Korea, pp. 629-634 (In English).
11. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 6)- Numerical Analysis of Deformation of "Convex-Type" Pipes -, The 50th Japanese Joint Conference for the Technology of Plasticity, Oct. 6-8, 1999, Kyushyu, Japan, pp. 265-266 (In Japanese).
12. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 7)- Numerical Analysis of Deformation of "Twin Dia-Type" Pipes -, The 50th Japanese Joint Conference for the Technology of Plasticity, Oct. 6-8, 1999, Kyushyu, Japan, pp. 267-268 (In Japanese).
13. Kiuchi M., Moslemi Naeini H., Shintani K., AUTOMATED DESIGN SYSTEM OF ROLLS FOR RESHAPING PROCESSES OF PIPES WITH NON-CIRCULAR CROSS SECTIONS, 4th International & 8th Annual Conference of Iranian Society of Mechanical Engineering, May 16-19, 2000, Tehran, I.R. of Iran pp 261-268(In English).
14. Kiuchi M., Moslemi Naeini H., Shintani K., Kuromatus R., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 8)- Comparison between the results of the analysis and experimental methods on reshaping process of circular pipe into the square pipe -, The 2000 Japanese Spring Conference for the Technology of Plasticity, May 26-28, 2000, Tokyo, Japan pp 149-150 (In Japanese).
15. Kiuchi M., Moslemi Naeini H., Kitawaki T., Kuromatus R., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 9)- Comparison between the results of the analysis (design method) and experimental methods on reshaping process of circular pipe into the oval pipe -, The 2000 Japanese Spring Conference for the Technology of Plasticity, May 26-28, 2000, Tokyo, Japan pp 151-152 (In Japanese).
16. Kiuchi M., Moslemi Naeini H., Shintani K., A Numerical Simulation for the Reshaping Process of Non-Circular Pipes, 9th International Conference of Sheet Metal 2001 (SheMet 2001), Apr. 2-4, 2001, Leuven, Belgium, pp 587-594 (In English).

17. Moslemi Naeini H., Kiuchi M., Shintani K., Numerical and Experimental Investigations of Reshaping Process of Square Sectional Pipe, the 5th International & 9th Annual Mechanical Engineering Conference, May 27-29, 2001, Rasht, I.R. Iran, pp 675-679 (In English).
18. Kitawaki T., Kuromatus R., Kiuchi M., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 11)- Comparison between the results of the analysis (design method) and experimental methods on reshaping process of the circular pipe into the pipe with pentagonal cross section-, The 52th Japanese Joint Conference for the Technology of Plasticity, Oct. 12-14, 2001, Fukui, Japan, pp. 167-168 (In Japanese).
19. Kitawaki T., Kuromatus R., Kiuchi M., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 12)- Comparison between the results of the analysis (design method) and experimental methods on reshaping process of the circular pipe into the Tortoise Shell Pipe, The 2002 Japanese Spring Conference for the Technology of Plasticity, May 26-28, 2002, Tokyo, Japan pp 151-152 (In Japanese).
20. H. Moslemi Naeini, M. Kiuchi, T. Kitawaki, R. Kuromatus, Experimental and Theoretical Examinations for Reshaping Process of Pipe with Pentagonal Cross Section, Advance Technology of Plasticity, Proceedings of the 7th ICTP conference, Oct. 28-31, 2002, Yokohama, Japan (In English).
21. H. Moslemi Naeini, M. Mareafat, M. Soltanpour, Flow Stress Prediction Model Implemented in the Finite Element Simulation of Hot Forming Process, 4th International Conference on Industrial Tools (ICIT 2003), April 8-12th, Slovenia, pp. 427-430(In English).
22. M. Tajdari, H. Moslemi Naeini, M. Kiuchi, A. Sanati, S. E. Hosseini Mehraban, D. Rezaee, Computer Aided Design of Reshaping Process of Circular Pipes into Square Pipes, the 10th International Conference of Metal Forming 2004, September 19-22, 2004, Krakow, Poland, pp. 215-220.
23. H. Moslemi Naeini, G.H. Liaghat, S.H. Ghadery, Numerical Analysis of Visco-plastic Behaviour of Circular Sheet Metal under Shock Pressure, The 13th Annual (International) Conference of Mechanical Engineering, ISME2005, May 17-19, 2005, IUT, Isfahan, I.R. Iran (In English).
24. M. Salmani Tehrani, P. Hartley, H. Moslemi Naeini, M. Farzin, Localised bending defects in circular tube roll-forming, The 8th ESAFORM CONFERENCE on MATERIAL FORMING, Cluj-Napoca, Romania, April 27-29, 2005, pp. 313-316.
25. H. Moslemi Naeini, D. Javabvar, H. Amerizadeh, M. Mohammad Rezaei, A. Akbari, R. Mahshid, Tool and Die Design for Non-Circular Deep Drawing Process of Aluminum Sheet by the Finite Element Simulation, Advance Technology of Plasticity, Proceedings of the 8th ICTP conference, Oct. 9-15, 2005, Verona, Italy (In English).
26. G.H. Liaghat, H. Moslemi Naeini, S.M.H. Seyedkashi, Theoretical and experimental modeling of Tube Hydroforming Process, Proceedings of International Conference on Manufacturing Science and Technology (ICOMAST2006), Melaka, Malaysia, 2006, pp 319-322.
27. H.R.Farahmand, H.Moslemi Naeini, K.Abrinia, Forming of thick sectioned tubes using the upper bound analysis, Proceedings of 4th International Conference and Exhibition on Design and Production of MACHINES and DIES/MOLDS, Cesme, TURKEY, 21-23/6/2007

28. H.D.Azodi, H.Moslemi Naeini, M.H.Parsa, G.H.Liaghat, Study on Wall Thickness Distribution in Hydromechanical Deep Drawing of Cylindrical Cups, Proceedings of Tehran International Congress on Manufacturing Engineering (TICME2007), December 10-13, 2007, Tehran, IR Iran.
29. M. Hoseinpour gollo, H. Moslemi naeini , G. H. liaghat S. Jelvani A Theoretical and Experimental Study of the Effects of process Parameters on Bending in Laser forming process, Proceedings of Tehran International Congress on Manufacturing Engineering (TICME2007), December 10-13, 2007, Tehran, IR Iran.
30. S.M.H. Seyedkashi , G.H.Liaghat and H.Moslemi Naeini, Design and Manufacturing of a Tube Hydroforming System, Proceedings of Tehran International Congress on Manufacturing Engineering (TICME2007), December 10-13, 2007, Tehran, IR Iran.
31. H. Validi, H. Moslemi Naeini, M. Tajdari, Rolls Wearing Prediction in the Reshaping Process Using 3D-FEM, 16th Annual-International Conference on Mechanical Engineering, 13-15 May, 2008, Shahid Bahonar University of Kerman, IR Iran (In English).
32. S.M.H. Seyedkashi, Gh. Liaghat, H. Moslemi Naeini and M. Hosseinpour Gollo, Investigation of forming parameters in hydroforming of a thin-walled copper tube, International Conference on Advances in Materials and Processing Technology(AMPT 2008), 2 – 5 November, Manama, Kingdom of Bahrain.
33. M. Hosseinpour Gollo, H. Moslemi Naeini, G.H. Liaghat, S.Jelvani, M. J. Torkamany, A Numerical and Experimental Study of Sheet Metal Bending by Pulsed Nd:YAG Laser with DOE Method, International Conference on Advances in Materials and Processing Technology(AMPT 2008), 2 – 5 November, Manama, Kingdom of Bahrain.
34. H. Moslemi Naeini, M. salmani Tehrani, R. Safdarian, Investigating The Weight Of Out-Of-Plane Bending Energy In Predicting Deformation Length In Roll Forming Of Symmetric Channel Section, Metal forming Conference 2008 , Poland.
35. S.M.H. Seyedkashi, Theoretical and experimental modeling of tube hydroforming process
36. A. Niknejad, G. H. Liaghat, A. H. Behraves, and H. Moslemi Naeini, Theoretical Investigation of the Instantaneous Folding Force during the First Fold Creation in a Square Column, Proceedings of world academy of science, engineering and technology(WCSET 2008), VOLUME 36 DECEMBER 2008, Bangkok, Thailand, pp 332-337.
37. A. Niknejad, G. H. Liaghat, A. H. Behraves, and H. Moslemi Naeini, Experimental investigation of the maximum axial force in the folding process of aluminum square columns, Proceedings of world academy of science, engineering and technology(WCSET 2009), VOLUME 40, April 28-30, 2009, Rome, Italy, pp. 36-40
38. H. Deilami Azodi, H. Moslemi Naeini, G.H. Liaghat, M.H. Parsa, S.M.H. Seyedkashi, Analysis of the axisymmetric Hydromechanical Deep Drawing using Hill's Quadratic Yield Criterion, CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, 2009.
39. S.M.H. Seyedkashi, R. Faramarzi, Gh. Liaghat, H. Moslemi Naeini, H. Deilami Azodi, Free Forming Analytical Modeling of Two-layered Tube Hydroforming and Experimental Verification, CD Proceeding of the International Conference on

- Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, 2009.
40. S.M.H. Seyedkashi, Gh. Liaghat, H. Moslemi Naeini, S.M. Mahdavian, M. Hoseinpour Gollo, Numerical and Experimental Study of Two-Layered Tube forming by Hydroforming Process, CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, 2009.
 41. H. Moslemi Naeini, G.h. Liaghat, S.J. Hashemi Ghiri, S.M.H. Seyedkashi, FE Simulation and Experimental Study of Tube Hydroforming Process for AA1050 Alloy at various temperatures, CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, 2009.
 42. M. Hoseinpour Gollo, H. Moslemi Naeini, Gh. Liaghat, S.M. Mahdavian, S.M.H. Seyedkashi, Numerical and Experimental Investigation of Deformation in Laser Forming Process, The 12th International ESAFORM Conference on Material Forming (Esaform2009), Twente, Netherlands, 2009.
 43. R. Safdarian Korouyeh, H. Moslemi Naeini, G.h. Liaghat, M. M. Kasaei, "Investigation of Weld Line Movement in Tailor Welded Blank Forming", Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2011), Istanbul, Turkey, 2011.
 44. R. Safdarian Korouyeh, H. Moslemi Naeini, M.J Torkamany, J. Sabaghzadee, "Effect of Laser Welding Parameters on Forming Behavior of Tailor Welded Blanks", Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2011), Istanbul, Turkey, 2011.
 45. R. Safdarian Korouyeh, H. Moslemi Naeini, G.h. Liaghat, E. Rahimi, "Forming Limit Diagram of Interstitial-Free (IF) steel Tailor Welded Blank ", Proceeding of the 3th International and 12th National Conference on Manufacturing Engineering (ICME2011), Tehran, Iran, 2011.
 46. Y. Dadgar Asl, H. Moslemi Naeini, B.Davodi, GH.H. Payganeh, V.Panahizadeh, M. R. Jangjo, S.M. Seyedkashi, "Numerical and Experimental Investigation of Roll Torque and Forming Power in Cold Roll Forming of a Channel Section", The International Conference on Experimental Mechanics (ICEM 2010), Kuala Lumpur, Malaysia, November 29-December 1, 2010.
 47. V. Panahizadeh. R., H. Moslemi Naeini, S.M. Seyedkashi, Y. Dadgar Asl, M. Shalvandi, "Investigation of System Parameters Effects on Bending Angle in Laser Forming Process Using Design of Experiment Method", The International Conference on Experimental Mechanics (ICEM 2010), Kuala Lumpur, Malaysia, November 29-December 1, 2010.
 48. M. Parto D., S.M.H. Seyedkashi, Gh. Liaghat, H. Moslemi Naeini, V. Panahizadeh R., "Investigation of Aluminum-Copper Tube Hydroforming with Axial Feeding", International Conference on Advances in Materials and Processing Technologies (AMPT2010), Paris, France, 24th-27th October, 2010; and AIP Conf. Proc. January 17, 2011, Volume 1315, pp. 475-480,
 49. M. Mirzaalia, G. H. Liaghat, H. Moslemi Naeini, S.M.H. Seyedkashi, K. Shojaee, "Pressure and Feeding Loading Path Optimization in Tube Hydroforming Process Using a Metaheuristic Method; Simulated Annealing Algorithm", Accepted in the

- 10th International Conference on Technology of Plasticity (ICTP2011), Aachen, Germany, September 25-30, 2011.
50. M. Mirzaalia, G. H. Liaghat, H. Moslemi Naeini, S.M.H. Seyedkashi, K. Shojaee, "Optimization of Tube Hydroforming Process Using Simulated Annealing Algorithm", The 11th International Conference on the Mechanical Behavior of Materials (ICM11), Lake Como, Italy, June 5-9, Volume 10, 2011 ,
 51. M. M. Kasaei, H. Moslemi Naeini, Comparison of Strip Deformation Between the Contour Roll Forming (CORF) Process and Cage Roll Forming (CARF) Process of HFW Pipes, International Conference on manufacturing Engineering, Tehran, 2011.
 52. M. M. Kasaei, H. Moslemi Naeini, M. Salmani Tehrani, R. Safdarian, S. J. Hashemi, Investigation of initial strip width effect on the profile of deformed strip in the cage roll forming process of HFW pipes, International conference on Advances in Materials and Processing Technologies, Turkey, 2011.
 53. M. M. Kasaei, H. Moslemi Naeini, M. Salmani Tehrani, R. Azizi Tafti, Y. Dadgar, Reseach on edge buckling defect in contour cold roll forming process of HFW pipes, International conference on Advances in Materials and Processing Technologies, Turkey, 2011 .
 54. M. M. Kasaei, H. Moslemi Naeini, M. Salmani Tehrani, R. Azizi Tafti, Numerical and experimental investigation of strip deformation in cage roll forming process for pipes with low ratio of thickness/diameter., AIP Conf. Proc. , 2011, Volume 1315, pp. 593-598.
 55. R. Safdarian, H. Moslemi Naeini, R.M. Natal Jorge, Abel D. Santos "Analysis of forming limit diagram of tailor welded blank using fld and ductile fracture criteria" II LAETA Young Researchers Meeting, FEUP, Porto, 10-11 April 2012
 56. Mohammad Mehdi Kasaei, Hassan Moslemi Naeini, Behnam Abbaszadeh, Mehran Mohammadi, Mojtaba Ghodsi, Manabu Kiuchi, Reza Zolghadr, Gholamhosein Liaghat, Rohollah Azizi Tafti, Mehdi Salmani Tehrani, Flange wrinkling in the flexible roll Forming process, procedia engineering, ICTP 2014.
 57. And 72 papers in persian

V.2 Journal

1. Kiuchi M., Shintani K., Moslemi Naeini H., Numerical Analysis of Round to Oval Reshaping Process of Pipes, SEISAN-KENKYU, Vol. 50, No. 8, August 1998, pp. 6-9 (In English).
2. Kiuchi M., Shintani K., Moslemi Naeini H., Numerical Analysis of Reshaping Process from Round Pipes to "Cross-Type" Pipes, Journal of the Japan Society for Technology of Plasticity, Vol. 40, No. 459, April 1999, pp. 58-62 (In Japanese).
3. Kiuchi M., Moslemi Naeini H., Shintani K, Automated Design System of Rolls for the Reshaping of Circular Pipes into Channel-Type Pipes, Journal of the Japan Society for Technology of Plasticity, Vol. 41, No. 479, May 2000, pp. 45-49 (In Japanese).
4. Kiuchi M., Moslemi Naeini H., Shintani K., Computer Aided Design (CAD) of Rolls for Reshaping Processes of "Channel-Type" Pipes, Journal of Material Processing Technology, Vol. 111, No. 1-3, 2001, pp 193-197 (In English).

5. Farzin, M., Moslemi Naeini, H., Sadeghi, M.H., Kiuchi, M., Computer aided simulation of cold roll forming of pipes, *Modares Technical and Engineering Journal* No. 6, 2002, pp. 73-80 (In English)
6. Kiuchi M., Shintani K., Moslemi Naeini H., Numerical Analysis of Round to Oval Reshaping Process of Pipes, *SEISAN-KENKYU*, Vol. 50, No. 8, August 1998, pp. 6-9 (In English).
7. Moslemi Naeini, H., Kiuchi, M., Shintani, K., A New Numerical Analysis of the Reshaping Process of Non-Circular Pipe, *Mechanical Engineering Journal (ISME)*, Vol. 3, No. 1, March 2002, pp. 60-69 (In English)
8. H. Moslemi Naeini, M. Kiuchi, K. Shintani, T. Kitawaki and R. Kuromatsu, A New Design Method of Rolls for Reshaping Process of Non-Circular Pipes, *Iranian Journal of Science & Technology, Transaction B*, Vol. 27, No. B3, 2003, pp. 521-533(In English).
9. M. Tajdari, H. Moslemi Naeini, M. Kiuchi, A. Sanati, S. E. Hosseini Mehraban, D. Rezaee, Computer Aided Design of Reshaping Process of Circular Pipes into Square Pipes, *the Journal Steel GRIP*, Vol. 2, 2004, pp. 215-220.
10. H. Moslemi Naeini, M. Kiuchi, T. Kitawaki & R. Kuromatsu, Design Method of Rolls for Reshaping Processes of Pipes with Pentagonal Cross Sections, *Journal of Materials Processing Technology*, 169 (1-3) (2005) pp. 5-8(In English).
11. G.H. Liaghat, H. Moslemi Naeini, S. Faili, The Mechanics of Normal and Oblique Penetration of Conical Projectiles into Multilayer Metallic Targets, *Iranian Journal of Science & Technology Transaction B*, Vol. 29, No. B2, 2005, pp. 241-251(In English).
12. H. Moslemi Naeini, M. Maerefat and M. Soltanpour, Finite Element Simulation of Hot Forming Process by Using Flow Stress Prediction Model, *Iranian Journal of Science & Technology, Transaction B*, Vol. 29, No. B2, 2005, pp. 231-240(In English).
13. M. Salmani Tehrani, P. Hartley, H. Moslemi Naeini and H. Khademizadeh, Localized edge buckling in cold roll-forming of symmetric channel section, *Thin-walled structures*, Volume 44, Issue 2, February 2006, pp. 184-196.
14. H. Moslemi Naeini, G.H. Liaghat, R. Mahshid, A. Sajedinejad, K. Vahedi and B. Ahmadimehr, Analysis of deformation behavior of the large diameter pipe by U-O bending process, *Journal of Materials Processing Technology*, No. 177, 2006, pp. 179-182.
15. M. Salmani Tehrani, H. Moslemi Naeini, P. Hartley and H. Khademizadeh, Localized edge buckling in cold roll-forming of circular tube section, *Journal of Materials Processing Technology*, No. 177, 2006, pp. 617-620.
16. Seyed Hadi Ghaderi, Hassan Moslemi Naeini and Gholam Hossein Liaghat, Numerical analysis of plastic deformation of a circular sheet metal subjected to transverse impact loading, *International Journal of Impact Engineering*, 2006, No. 34, pp. 668-680.
17. M. Hoseinpour Gollo, H. Moslemi Naeini, G.H. Liaghat, M. J. Torkamany, S. Jelvani and V. Panahizade , An experimental study of sheet metal bending by pulsed Nd:YAG laser with DOE method, *International Journal of Material Forming*, Volume 1, Supplement 1 / January, 2008, pp. 137-140
18. H. D. Azodi; H. Moslemi Naeini; M. H. Parsa; G.H. Liaghat, Analysis of Rupture Instability in Hydromechanical Deep Drawing of Cylindrical Cups,

- International Journal of Advanced Manufacturing Technology, Vol. 39, No. 7-8, 2008, pp. 734–743.
19. M. Hoseinpour Gollo, H. Moslemi Naeini, G.H. Liaghat, S. Jelvani and Mahdavian, Theoretical and Experimental Study of Sheet Metal Bending by Pulsed Nd: Yag Laser, Mechanical Engineering Journal (ISME), Vol. 9, No. 1, September 2008, pp. 15-35 (In English)
 20. M. Hosseinpour Gollo, H. Moslemi Naeini, G.H. Liaghat, S. Jelvani, M. J. Torkamany, A Numerical And Experimental Study of Sheet Metal Bending By Pulsed Nd:Yag Laser With DOE Method, Advanced Materials Research, Vols. 83-86 (2010) pp 1076-1083
 21. S.M.H. Seyedkashi, Gh. Liaghat, H. Moslemi Naeini, and M. Hoseinpour Gollo, Study of Forming Parameters in Hydroforming of a Thin-Walled ASTM C11000 Copper Tube, Advanced Materials Research Vols. 83-86 (2010) pp 133-142
 22. B. davoodi, H. Moslemi Naeini, Y. Dadgar Asl, R. Azizi T., M.M.Kasaei and V. Panahizadeh R., Numerical and Experimental Investigation of Roll Forces and Torques in Cold Roll Forming of a Channel Section, Advanced Materials Research, Vols. 83-86 (2010) pp 581-586,
 23. Gholam Hossein Liaghat, Abbas Niknejad, Hassan Moslemi Naeini and Amir Hossein Behraves, Investigation of the Folding Angle Variations during the Folding Progress in the Columns, Trends in Applied Sciences Research, 5-1 (2010), pp. 56-63.
 24. Abbas Niknejad, G.H. Liaghat, H. Moslemi Naeini, A.H. Behraves, Experimental and theoretical investigation of the first fold creation in thin walled columns, Acta Mechanica Solida Sinica, Volume 23, Issue 4, August 2010, Pages 353-360
 25. Abbas Niknejad, G.H. Liaghat, H. Moslemi Naeini, A.H. Behraves, Theoretical and experimental studies of the instantaneous folding force of the polyurethane foam-filled square honeycombs, Materials & Design, Volume 32, Issue 1, January 2011, Pages 69-75.
 26. M. Hoseinpour Gollo, S.M. Mahdavian, H. Moslemi Naeini, Statistical analysis of parameter effects on bending angle in laser forming process by pulsed Nd:YAG laser, Optics & Laser Technology, Vol 43, 2011, pp. 475-482
 27. Abbas Niknejad, G.H. Liaghat, H. Moslemi Naeini and A.H. Behraves, A theoretical formula for predicting the instantaneous folding force of the first fold in a single cell hexagonal honeycomb under axial loading, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2010, 224(11), 2308-2315,
 28. M. Mirzaali, G.H. Liaghat, H. Moslemi Naeini, S.M.H. Seyedkashi, K. Shojaee, Optimization of Tube Hydroforming Process Using Simulated Annealing Algorithm, Original Research Article, Procedia Engineering, Volume 10, 2011, Pages 3012-3019
 29. H. Moslemi Naeini, G.h. Liaghat, S.J. Hashemi Ghiri, S.M.H. Seyedkashi, FE Simulation and Experimental Study of Tube Hydroforming Process for AA1050 Alloy at various temperatures, Advanced Materials Research, Vols. 264-265 (2011) pp 96-101
 30. S.M.H. Seyedkashi, Gh. Liaghat, H. Moslemi Naeini, S.M. Mahdavian, M. Hoseinpour Gollo, Numerical and Experimental Study of Two-Layered Tube

- Forming by Hydroforming Process, *Advanced Materials Research*, Vols. 264-265 (2011) pp 102-107
31. Seyed Jalal Hashemi, Hassan Moslemi Naeini, Gholamhosein Liaghat, Roohollah Azizi Tafti and Farzad Rahmani, Numerical and Experimental Investigation of Temperature Effect on Thickness Distribution in Warm Hydroforming of Aluminum Tubes, 2013, *Journal of Materials Engineering and Performance* 22 (1) , pp. 57-63,
 - 32.R. Safdarian Korouyeh, H. Moslemi Naeini, G.h. Liaghat, M. M. Kasaei, “Investigation of Weld Line Movement in Tailor Welded Blank Forming”, *Advanced Materials Research* Vol. 445, 2012, pp 39-44
 - 33.R. Safdarian Korouyeh, H. Moslemi Naeini, M.J Torkamany, J. Sabaghzadee, “Effect of Laser Welding Parameters on Forming Behavior of Tailor Welded Blanks”, *Advanced Materials Research* Vol. 445, 2012, pp 406-411
 34. R. Safdarian Korouyeh, H. Moslemi Naeini, G.H. Liaghat. “Forming Limit Diagram Prediction of Tailor-Welded Blank Using Experimental and Numerical Methods” 2012’ *Journal of Materials Engineering and Performance* , 21 (10) , pp. 2053-2061
 35. Farzad Rahmani, Seyed Jalal Hashemi, Hassan Moslemi Naeini and Hamed Deylami Azodi, Numerical and Experimental Study of the Efficient Parameters on Hydromechanical Deep Drawing of Square Parts, *Journal of Materials Engineering and Performance*, 2013, *Journal of Materials Engineering and Performance* 22 (2) , pp. 338-344
 - 36.S. M. H. Seyedkashi, H. Moslemi Naeini, G. H. Liaghat, M. Mosavi Mashadi and M. Mirzaali, K. Shojaee and Y. H. Moon, The effect of tube dimensions on optimized pressure and force loading paths in tube hydroforming process; *Journal of Mechanical Science and Technology*, 2012, Volume 26, Number 6, Pages 1817-1822, DOI: 10.1007/s12206-012-0430-7
 37. M. Mehrara, M J Nategh, H M Naeini, Analytica solution to the elastic bending of long and rectangular thin plate resting on rubber foundation, *Journal of Mechanical Engineering Science*, vol 226, No. 5, May 2012, pp1186-1197
 - 38.Amir H. Roohi, M. Hoseinpour Gollo, H. Moslemi Naeini, External force-assisted laser forming process for gaining high bending angles, *Journal of Manufacturing Processes*, Volume 14, Issue 3, August 2012, Pages 269-276
 - 39.M. Mirzaali, S.M.H. Seyedkashi, G.H. Liaghat, H. Moslemi Naeini, K. Shojaee G., Y.H. Moon, “Application of simulated annealing method to pressure and force loading optimization in tube hydroforming process”, *International Journal of Mechanical Sciences*, 55(1), (2012) pp. 78-84,
 - 40.S. M. H. Seyedkashi, H. Moslemi Naeini, G. H. Liaghat, M. Mosavi Mashadi, K. Shojaee, M. Mirzaali, and Y. H. Moon, Experimental and numerical investigation of an adaptive simulated annealing technique in optimization of warm tube hydroforming; 2012, *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture* 226 (11) , pp. 1869-1879
 - 41.Kasaei, M.M., Hassan Moslemi Naeini, Tafti, R.A., Tehrani, M.S., Prediction of maximum initial strip width in the cage roll forming process of ERW pipes using edge buckling criterion, 2014, *Journal of Materials Processing Technology* 214 (2) , pp. 190-199.
 42. Safdarian Korouyeh, R., Moslemi Naeini, H., Torkamany, M.J., Liaghat, G., Experimental and theoretical investigation of thickness ratio effect on the

formability of tailor welded blank, 2013' Optics and Laser Technology 51 , pp. 24-31

43. A committee machine approach to multiple response optimization, Golestaneh, S.J., Ismail, N., Tang, S.H., Ariffin, M.K.A.M., Moslemi Naeini, H., Maghsoudi, A.A., 2011, International Journal of Physical Sciences 6 (35) , pp. 7935-7949
44. Roohollah Azizi Tafti, Hassan Moslemi Naeini, Mehdi Salmani Tehrani, Bernard F. Rolfe, Matthias Weiss, Theoretical extension of elastic-perfectly plastic deformation length in roll forming of a channel section, Int. J. of Materials and Product Technology 2013 - Vol. 47, No.1/2/3/4 pp. 33 - 45.
45. R. Safdarian & R. M. Natal Jorge & Abel D. Santos & H. Moslemi Naeini & M. P. L. Parente, A comparative study of forming limit diagram prediction of tailor welded blanks, Int J Mater Form, DOI 10.1007/s12289-014-1168-9, Published online 8 April 2004.
46. And 26 papers in Persian

VI. AWARDS

- Outstanding Student by Tarbiat Modarres University in 1992
- Outstanding Student by Iranian Ministry of Culture and Higher Education in 1993
- Monbukagakusho Scholarship (Monbukagakushō Shōgakukin) from the Japanese Government in 1995
- Best Researcher of Tarbiat Modares University, IR Iran, 2001, 2004, 2005 and 2006
- First rank paper in the 11th Conference of Manufacturing Engineering of Iran-2000

VII. OTHERS

- Supervisor of 8 PhD, and 39 MSc. Students (Finished)
- Supervisor of 6 PhD, and 10 MSc. Students (Under Supervision)
- Co-supervisor (Advisor) of 6 PhD, and 7 MSc. Students (Finished)
- Doing 12 applied research projects with Industries.
-

VIII. HOBBIES

- Reading Book, Magazine, and Newspaper
- Discussing Religion and Political Matters
- Seeing Movies
- Playing Sports (Soccer, Jogging, and Volley-Ball)
- Sight-seeing