

Hassan Moslemi Naeini

Associate Professor
Manufacturing Group, Mechanical
Engineering Dept., Faculty of
Engineering, Tarbiat Modarres
University, Head of Free Educations Office



RESEARCH INTERESTS

Cold Roll Forming (CRF); Sheet Metal Forming; Metal Forming; Numerical Method

EDUCATION

- Dr of Eng. Synthesis Engineering 1996-2000

Mechanical Engineering Department, School of Engineering, Tokyo University, Tokyo, Japan.

Dissertation: Study on Design Methods of Rolls for Reshaping of Non-Circular Pipes

- M.S. Applied Design (1990-1993)

Mechanical Engineering Department, Faculty of Engineering, Tarbiat Modarres University, Tehran, I.R. Iran.

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

- B.S. Applied Design (1984-1989)

Mechanical Engineering Department, Isfahan University of Technology, Isfahan, I.R. Iran.

TEACHING

- Graduate Level Courses Taught
- Advanced Numerical Analysis
- Metal Forming
- Plasticity
- Analysis of Viscoelastic Material Forming Process
- Metal Forming Analysis

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RESEARCH ACTIVITIES

The following researches have been/are currently being conducted,

I) Master Thesis (6 Cr. Hrs.)

1. M. Goodarzi, "Numerical Analysis of Deep Drawing Process by Computer" Tarbiat Modarres University, 2000 (Supervisor).
2. M. Zare, " An Elastic-Plastic Finite Element Analysis of the Torsion of Straight Bars with the Non-circular Cross Sections", Tarbiat Modarres University, 2000 (Supervisor).
3. A. Rezaie Mirak Mahaleh, "Numerical Analysis of Elastic Plastic Crushing of a Tube Between Two Flat Plates", Tarbiat Modarres University, 2001 (Supervisor).
4. H. Rezaei, " Die Design and Manufacture for Circular Shaped Backward Extrusion by Upper Bound Approach", Tarbiat Modarres University, 2002 (Supervisor).
5. M. Soltanpour, " Prediction of Flow Stress and Microstructure Evolution in Hot Rolling Process", Tarbiat Modarres University, 2002 (Supervisor).
6. H. Rahimyar Harisi, "Obtaining the optimum parameters of constitute equation of metals by numerical analysis and inverse method ", Tarbiat Modarres University, 2002 (Supervisor).
7. A. Talebi Khorzughhi, "Computer Aided Design and manufacture of Dies and Tools for Deep Drawing Process ", Tarbiat Modarres University, 2002 (Supervisor).
8. M.R. Matinpour, "Computer Aided Design of Cold Roll Forming of Pipe ", Tarbiat Modarres University, 2002 (Supervisor).
9. R. Mahshid, "Numerical Simulation for Spline Rolling of Deep Drawn Cups ", Isfahan University of Technology, 2002 (advisor).
10. A. Daneshi, "Development of Package for Manufacturing of Rolls for Cold Roll Forming of Circular Pipes ", Tarbiat Modarres University, 2003 (Supervisor).
11. A. Sanati, " Computer Aided Design of Reshaping Process of Square and Rectangular Pipes", Tarbiat Modarres University, 2003 (Supervisor).
12. M. HoseinPour gollo, "Numerical and Experimental Study on leveling process", Tarbiat Modarres University, 2004 (Supervisor).

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13. M. Mohammadrezaei, "Computer Aided Design and manufacture of Dies for Deep Drawing Process of Non-Circular Product ", Tarbiat Modarres University, (Supervisor), in progress

14. S.H. Ghaderi, "Numerical and Experimental Study on Explosive Forming of Sheet Metal", Tarbiat Modarres University, (Supervisor), in progress

I) PhD Thesis (24 Cr. Hrs.)

1. M. Salmani Tehrani, " Analysis and Design of Cold Roll Forming Process by 3-D Finite Element Method", Isfahan University of Technology, (Co- Supervisor), in progress..

2. S. Feli, " The Analysis of Penetration of Deformable Projectiles into Metallic Targets by Considering Plastic Stress Wave Theory", Tarbiat Modarres University, 2004(Advisor).

3. H. Bisadi, " ", Tarbiat Modarres University, (Advisor), in progress.

4. Farahmand, " ", Tehran University, (Advisor), in progress.

Funded Researches and Short Courses

1- SADID Industrial Group, Tehran, I. R. Iran

Title: "Computer Aided Design of Rolls for Cold Roll Forming Process of Pipes", (1990-1992)

Position: project co-operator

2- Tarbiat Modarres University, Tehran, I. R. Iran

Title: "Computer Aided Simulation of Hot Rolling Process", (2001-2002)

Position: project manager

Project co-operator: Dr. M. Maerefat, Dr. S. Khoddam, Eng. M. Soltanpour

3- Iran Center for Industrial Research and Development, Tehran, I. R. Iran

Title: "Development of Package for Design of Rolls for Cold Roll Forming of Circular Pipes", (2001-2003)

Position: project advisor

Project co-operator: Dr. M. Tajdari, Mr. M.H. Sadollah, Mr. A. Daneshi and Mr.

M.R. Matinpour

4- I.R. Iran Ministry of Industry and Mine, Industrial Research, Training and Information Dissemination Org., Tehran, I. R. Iran

Title: "Short Course of Design of the Rolls for Manufacturing of Pipes and Profiles by the Cold Roll Forming Process", (2001)

Position: project manager

project co-operator: Dr. M. Farzin, Dr. M. Tajdari, Eng. S.M. Hoseini Mehraban

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5- SADID Pipe & Profile Company, Tehran, I. R. Iran

Title: "Computer Aided Design and Manufacturing of Rolls for Reshaping Process of Non-Circular Pipes", (2002-2003)

Position: project manager

6- Iran Khodro Industrial Group(Tam Company), Tehran, I. R. Iran

Title: "Investigation on Deformation Behaviour of Sheet in Leveller Mill", (2002)

Position: project manager

7- S.A.T.A.F. Group- Aerospace Industrial Organization, Tehran, I. R. Iran

Title: "Computer Aided Design and Manufacture of Dies for Deep Drawing Process of Non-Circular (Aluminum) Product", (2003)

Position: project manager

8- Ahwaz Pipe Mills, Ahwaz, I. R. Iran

Title: "Theoretical and Experimental Study on Fabricating large Diameter Welded Pipe by U-O Process", (in progress).

Position: project manager

PUBLICATIONS

1) Conference

1. H. Moslemi Naeini, M.H. Sadeghi and S. E. Hoseini Mehraban, 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. Iran, pp. 68-76 (In Persian).

2. H. Moslemi Naeini, M.H. Sadeghi, M. Farzin and S. E. Hoseini Mehraban, 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. 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. Iran, pp. 955-962 (In Persian).

4. Kiuchi M., Shintani K., Moslemi Naeini H., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 1)-Numerical Analysis of Deformation of Round Tube/Pipe-, Proceedings of the 48th

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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 -, Proceedings of 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 -, Proceedings of 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 -, Proceedings of 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 CROSSSECTIONS, Proceedings of 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 -, Proceedings of 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 "CHANNELTYPE" PIPES, Proceedings of 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 -, Proceedings of 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 -, Proceedings of the

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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, Proceedings of 4th International & 8th Annual Conference of Iranian Society of Mechanical Engineering, May 16-19, 2000, Tehran, I.R. 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 -, Proceedings of 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 -, Proceedings of 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, Proceedings of 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, Proceedings of the 5th International & 9th Annual Mechanical Engineering Conference, May 27-29, 2001, Rasht, I.R. Iran, pp 675-679 (In English).

18. Moslemi Naeini, H., Zare, M., An Elastic-Plastic Numerical Analysis of the Torsion of Bars with Non-Circular Cross Sections, Proceedings of the 5th International & 9th Annual Mechanical Engineering Conference, May 27- 29, 2001, Rasht, I.R. Iran, pp 231-237 (In Persian).

19. Kiuchi M., Moslemi Naeini H., Kitawaki T., Kuromatus R., STUDY ON RESHAPING PROCESS OF TUBE/PIPE (Report 11)- Comparison between Results of Analysis and Experimen on Reshaping Process of Circular Pipe into Round/Pentagon Pipe-, Proceedings of the 52nd Japanese Joint Conference for the Technology of Plasticity, Oct. 12-14, 2001, Fukui, Japan, pp. 167-168 (In Japanese).

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20. Moslemi Naeini, H., Liaghat, G., H., Rezaei, H., Simulation of Forward Extrusion Process by Upper Bound Method, Proceedings of 2nd Student Conference of ISME, Oct. 24-28, 2001, Urmia, I. R. Iran, pp. - (In Persian).
21. Moslemi Naeini, H., Liaghat, G., H., Goodarzi, M., Study on the Effects of Work Conditions on Deep Drawing Process, M., Proceedings of 5th Annual Metallurgy Engineering Conference, Nov. 5-7, 2001, Tehran, I. R. Iran, pp. 277-285 (In Persian).
22. Moslemi Naeini, Rezaei Mirak Mahaleh, A., Numerical Analysis of Elastic Plastic Crushing of a Tube Between Two Flat Plates , Proceedings of 5th Annual Metallurgy Engineering Conference, Nov. 5-7, 2001, Tehran, I. R. Iran, pp. 803- 811 (In Persian).
23. Moslemi Naeini, H., Maerefat, M., Soltanpour, M., A New Model for **Prediction of Flow Stress in Hot Forming**, Proceedings of 5th Annual Metallurgy Engineering Conference, Nov. 5-7, 2001, Tehran, I. R. Iran, pp. 813-821 (In Persian).
24. Moslemi Naeini, H., A Numerical Method for Investigation of Elastic Plastic Behavior of Sheet in Sheet Metal Forming, Proceedings of 1st Metal Forming Conference (MATFORM'81), May 8-10, 2002, Tehran, I. R. Iran, pp. 69-79 (In Persian).
25. Moslemi Naeini, H., Khodam, S., Rahimyar Harisi, A.H., Thermo- Viscoplastic Analysis of Hot Compression Test by Finite Element Method and Determining Constitutive Equation, Proceedings of 1th Metal Forming Conference (MATFORM'81), May 8-10, 2002, Tehran, I. R. Iran, pp. 69-79 (In Persian).
26. Moslemi Naeini, H., Maerefat, M., Soltanpour, M., **Thermo- Viscoplastic Analysis of Upsetting Process by Flow Stress Prediction Model**, Proceedings of the 6th International & 10th Annual Mechanical Engineering Conference, May 25-27, 2002, Tehran, I.R. Iran, pp 809-817 (In Persian).
27. Moslemi Naeini, H., Liaghat, G., H., Rezaei, H., Numerical Analysis of Extrusion by Upper Bound Elemental Technique, Proceedings of the 6th International & 10th Annual Mechanical Engineering Conference, May 25- 27, 2002, Tehran, I.R. Iran, pp 697-704 (In Persian).
28. Moslemi Naeini, H., Rezaei Mirak Mahaleh, A. and Mirdamadi S.M., Analysis of Crushing of Pipe by Numerical Method and ANSYS FEM Package, Proceedings of the 6th International & 10th Annual Mechanical Engineering Conference, May 25-27, 2002, Tehran, I.R. Iran, pp 2063-2070 (In Persian).

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29. Moslemi Naeini, H., Khodam, S., Rahimyar Harisi, A.H., Determining Constitutive Equation by Inverse Method and results of Hot Compression Test, Proceedings of the 6th International & 10th Annual Mechanical Engineering Conference, May 25-27, 2002, Tehran, I.R. Iran, pp 946-953 (In Persian).
30. Bisadi, H., Liaghat, G. and Moslemi Naeini, H., Dynamic Loading Analysis of Plate with High Strain Rate, Proceedings of the 6th International & 10th Annual Mechanical Engineering Conference, May 25-27, 2002, Tehran, I.R. Iran, pp 697-704 (In Persian).
31. 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, Proceedings of the 2002 Japanese Spring Conference for the Technology of Plasticity, May 26-28, 2002, Tokyo, Japan pp 151-152 (In Japanese).
32. H. Moslemi Naeini, M.H. Sadeghi and H. Sazmand, S. E. Hoseini Mehraban and D. Rezaei, Principles of Spiral-Welded Pipe Manufacture and Comparison it with Longitudinal-Welded Pipe , Proceedings of International Conference on Helical Seam Submerged-Arc Welded Pipe in Oil and Gas Industries, July 16-17, 2002, Tehran, I.R. Iran, pp (In Persian).
33. H. Moslemi Naeini, G. H. Liaghat, H. Rezaei, Analysis of Backward Extrusion Process by Upper Bound Elemental Technique, Proceedings of 6th Annual Metallurgy Engineering Conference, Oct. 28-30, 2002, Tehran, I. R. Iran, pp. 361-366 (In Persian).
34. 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, Vol.2, Oct. 28-31, 2002, Yokohama, Japan, pp. 1501-1506 (In English).
35. G. H. Liaghat, H. Moslemi Naeini and S. Felli, Modeling of Perforation of Deformable Projectils in Metallic Targets, Proceedings of 4th Conference of Iranian Aerospace Society, Jan. 25-27, 2002, Tehran, I. R. Iran, pp. 410- 419 (In Persian).
36. H. Moslemi Naeini, M. Farzin and A. Talebi Khorzugh, Computer Aided Desing and Manufacture of Tools for Deep Drawing Process, Proceedings of 4th Conference of Iranian Aerospace Society, Jan. 25-27, 2002, Tehran, I. R. Iran, pp. 23-29 (In Persian).
37. H. Moslemi Naeini, M. Mareafat and 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).

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38. H. Moslemi Naeini, M. Tajdari, A. Sanati and D. Rezaei, Process Design of Cold Roll Forming of Non-circular Pipe (Square and Rectangular Cross Sections), Proceedings of the 7th International & 11th Annual Mechanical Engineering Conference, May 13-15, 2003, Mashah, I.R. Iran, pp 1420- 1427 (In Persian).

39. H. Moslemi Naeini, M. Tajdari, M.H. Sadollah, M.R. Matinpour and A. Daneshi, Numerical Analysis of Cold Roll Forming of Pipe, Proceedings of the 7th International & 11th Annual Mechanical Engineering Conference, May 13-15, 2003, Mashah, I.R. Iran, pp 1443-1450 (In Persian).

40. H. Moslemi Naeini, M. Tajdari, A. Sanati, S. E. Hoseini Mehraban and D. Rezaei, Numerical Simulation of Deformation Behavior of Pipe in Reshaping Process of Pipes with Square Cross Sections, Proceedings of the 6th Production and Manufacturing Engineering Conference, Amir Kabir University of Technology, 21-25 Dec. 2003, Tehran, I.R. Iran (In Persian).

41. M. Salmani Tehrani, H. Moslemi Naeini, H. Khademizadeh, S. E. Hoseini Mehraban and D. Rezaei, Analysis of Elasto-Plastic Behavior of Circular Pipe Subjected to Concentrated Force by Finite Element Method, Proceedings of the 6th Production and Manufacturing Engineering Conference, Amir Kabir University of Technology, 21-25 Dec. 2003, Tehran, I.R. Iran (In Persian).

42. H. Moslemi Naeini, A. Yazdanmehr, M. Hoseinpourgollo, H. Deilami Azodi, A. Mohammadi, Numerical Analysis of Behavior of Metal Strip in Leveling Process, Proceedings of the 6th Production and Manufacturing Engineering Conference, Amir Kabir University of Technology, 21-25 Dec. 2003, Tehran, I.R. Iran (In Persian).

43. R. Mashid, H. Moslemi Naeini, and M. Moradi, Numerical Analysis for Spline Rolling of Deep Drawn Cups by Rotary Forming, Proceedings of 2ed Metal Forming Conference (MATFORM'83), May 11-13, 2004, Tehran, I. R. Iran, pp. 193-201 (In Persian).

44. G. H. Liaghat, H. Moslemi Naeini and S. Felli, A New Penetration Model of Blunt Projectiles into Metallic Targets and a Comparison to the Results of LS-Dyna Modeling, Proceedings of the 12th Annual (International) Conference on Mechanical Engineering, May 18-20, 2004, Tarbiat Modarres University, Tehran, I. R. Iran, (In Persian).

45. G. H. Liaghat, H. Moslemi Naeini and S. Felli, Penetration Analysis of Deformable Projectiles Into Metallic Targets By Considering Plastic Stress Waves Theory, Proceedings of the 12th Annual (International) Conference on Mechanical Engineering, May 18-20, 2004, Tarbiat Modarres University, Tehran, I. R. Iran, (In Persian).

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46. H. Moslemi Naeini, H. Deilami Azodi, M. Hoseinpourgollo, A. Yazdanmehr, and M. R. Mohammadi Naeini, Theoretical and Experimental Study on Elastic Plastic Behavior of Metal Strip in Leveling Process, Proceedings of the 12th Annual (International) Conference on Mechanical Engineering, May 18-20, 2004, Tarbiat Modarres University, Tehran, I. R. Iran, (In Persian).

47. 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 (In English).

II) 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. Moslemi Naeini, H., Tajdari, M., Farzin, M., Hoseini Mehraban, S. E., Cold Roll Forming and intruduction of Research and Development Committee of Cold Roll Forming of The Iranian Society of Mechanical Engineers, Mechanical Engineering (ISME), No. 15, 2000, pp 46-47 (In Persian).

6. Moslemi Naeini, H., Liaghat, G., H., Kiuchi, M., Goodarzi, M., A numerical Simulation for Deep Drawing Process, Amirkabir J. of Science & Technology, Vol. 12, No. 48, 2001,pp 377-386 (In Persian).

7. 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).

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8. Moslemi Naeini, H., Kiuchi, M. and Shintani, K., A New Numerical Analysis of the Reshaping Process of Non-Circular Pipe, Iranian Mechanical Engineering Journal (ISME), Vol. 3, No. 1, 2002, pp 60-69 (In English).
9. Tajdari, M., Moslemi Naeini, H., Farzin, M., Hoseini Mehraban, S. E., Cold Roll Forming, Mechanical Engineering (ISME), No. 21, 2002, pp 69-73 (In Persian).
10. Moslemi Naeini, H., Kiuchi, M., Rezaei Mirak Mahaleh, A. and Goodarzi, M., A Numerical Simulation for Crushing a Tube Subjected to Lateral Loads Between Two Flat Plates, The International Journal of Engineering Science of Iran University of Science and Technology, Vol. 14, No. 4, 2003, PP. 195-209 (In Persian).
11. H. Moslemi Naeini, M. Mareafat and M. Soltanpour, FE- Based Analysis of Hot Forming Process Using the Flow Stress Prediction Model Flow, Esteghlal Journal of Engineering, Isfahan University of Technology, Vol. 22, No. 1, 2003, PP. 143-153 (In Persian).
12. H. Moslemi Naeini, M. Mareafat and M. Soltanpour, Flow Stress Prediction in Hot Forming Processes By Numerical Simulation of Microstructural Changes, Modares Technical and Engineering Journal, Tarbiat Modarres, No. 12, PP. 57-64 (In Persian).
13. 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, Shiraz University, Vol. 27, No. B3, 2003, pp. 521-533(In English).
14. G. H. Liaghat, H. Moslemi Naeini and S. Felli, A New Penetration Model of Blunt Projectiles into Metallic Targets and a Comparison to the Results of LS-Dyna Modeling, Amirkabir J. of Science & Technology, Vol. 15, No. 57, 2003,pp. 53-70 (In Persian).
15. G. H. Liaghat, H. Moslemi Naeini and S. Felli, Penetration Analysis of Deformable Projectiles Into Metallic Targets By Considering Plastic Stress Waves Theory, Amirkabir J. of Science & Technology, Vol. 15, No. 57, 2003,pp. 84-100 (In Persian).
16. M. Salmani Tehrani, H. Moslemi Naeini, H. Khademizadeh, S. E. Hoseini Mehraban and D. Rezaei, Analysis of Elasto-Plastic Behavior of CircularPipe Subjected to Concentrated Force by Finite Element Method, IranianMechanical Engineering Journal (ISME), Vol. 5, No. 1, 2003, pp 48-59 (In Persian).
17. G. H. Liaghat, H. Moslemi Naeini and S. Felli, Penetration Analysis of Deformable Projectiles Into Metallic Targets By Considering Plastic Stress Waves Theory, Iranian Mechanical Engineering Journal (ISME), Vol. 5, No. 1, 2003, pp 60-84 (In Persian).

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18. H. Moslemi Naeini, M. Hoseinpourgollo, A. Yazdanmehr, and A. Mohammadi, Study on Metal Strip in Leveler Machine, Vehicle Scientific Journal, No.8, 2002, PP.1-6 (In Persian).
19. 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, Journal of Steel and Related Materials (Steel GRIPS), Vol. 2, 2004, pp. 215-220 (In English).
20. 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 (accepted) (In English).
21. H. Moslemi Naeini, M. Tajdari, A. Sanati, S. E. Hosseini Mehraban, D. Rezaee, Design and Numerical Simulation of Reshaping Process of Circular Pipes into Square Pipes, Modares Technical and Engineering Journal, Tarbiat Modarres,(accepted) (In English).

AWARDS

- i. Outstanding Student by Tarbiat Modarres University, Tehran, I.R. Iran, in 1992.
- ii. Outstanding Student by I. R. of Iranian Ministry of Culture and Higher Education (Iranian Ministry of Science, Research & Technology) in 1993.
- iii. Distinguished Researcher by Tarbiat Modarres University, Tehran, I.R. Iran, in 2001.

SOCIETIES

- i. The Iranian Society of Mechanical Engineers.
- ii. Japan Society for Technology of Plasticity.
- iii. The Iron and Steel Institute of Japan.
- iv. The Japan Society of Mechanical Engineers.
- v. The Iranian Society of Metallurgy Engineers.