

# RESUME

## Personal Information

Citizen of the Islamic Republic of Iran

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## Academic Degrees

1988 B.Sc. in Mechanical Engineering, Isfahan University of Technology (IUT), Isfahan, Iran

1991 M.Sc. in Solid Mechanics, Isfahan University of Technology (IUT), Isfahan, Iran

1997 Ph.D in Structural Mechanics, Chalmers University of Technology, Gothenburg, Sweden

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## Scientific Publications in Solid Mechanics

### 1. M.Sc. and Ph.D Theses

1. "Analysis of Ring Compression Test by the Finite Element Method" M.Sc. Thesis, Isfahan University of Technology, Isfahan, Iran, (in Persian), 1992.
2. "Alternatives for Finite Element Analysis of Blade Forging" Ph.D. Thesis, Chalmers University of Technology, Gothenburg, Sweden, 1997.

### 2. Publications in International Journals, Abstract Books and International Conference proceedings.

1. Sotani, B., Mattiasson, K., Samuelsson, A "Simulation of forging process for blades using the finite element method" Six Nordic Seminar on Computational Mechanics, NSCM VI, Abstract Book, University of Linkshoping, Linkshoping, Sweden, 1993.
2. Soltani, B., Mattiasson, K., Samuelsson, A., "Implicit and explicit solutions of blade forging using the finite element method" in Journal of Materials Processing Technology, Vol. 45, pp 69, 1994.
3. Soltani, B., Mattiasson, K., Samuelsson, A., "Implicit and dynamic explicit solutions of blade forging" Seventh Nordic Seminar on Computational Mechanics, NSCM VII, Abstract Book, The Norwegian Institute of Technology, Trondheim, Norway, 1994
4. Soltani, B., Mattiasson, K., Samuelsson, A "Finite element solutions of blade forging using solid and flow approaches" Eighth Nordic Seminar on Computational Mechanics, NSCM VIII, Abstract Book , The Chalmers University of Technology, Gothenburg, Sweden, 1995.

5. Soltani, B., Mattiasson, K., Samuelsson, A., "Comparison between solid and flow approaches in blade forging", in "Numerical Methods in Engineering 96", Proceedings of Second ECCOMAS Conference on Numerical Methods in Engineering, John Wiley and Sons, Paris, 1996.
6. Soltani, B., Mattiasson, K., Samuelsson, A. "Residual stresses and spring back of blade forging using solid and flow approaches" Ninth Nordic Seminar on Computational Mechanics, NSCM LX, Abstract Book, Technical University of Denmark, Denmark, 1996
7. Soltani, B., Mattiasson, K., Samuelsson, A., "Alternatives for finite element analysis of blade forging", in "Computational Plasticity, Fundamentals and applications", Proceedings of the fifth International Conference on Computational plasticity, COMPLAS 5, CLMNE, Barcelona, Spain, 1997.
8. M. Memar Ardestani, B. Soltani, Sh. Shams, "Analysis of functionally graded stiffened plates based on FSDT utilizing reproducing kernel particle method" in Journal of Composite Structures 112 (2014) 231–240
9. Shahrooz Shams, Behzad Soltani, "The Effects of Carbon Nanotube Waviness and Aspect Ratio on the Buckling Behavior of Functionally Graded Nanocomposite Plates Using a Meshfree Method, in Journal of POLYMER COMPOSITES—2017
10. Sh. Shams, B. Soltani \*, M. Memar Ardestani, "The Effect of Elastic Foundations on the Buckling Behavior of Functionally Graded Carbon Nanotube-Reinforced Composite Plates in Thermal Environments Using a Meshfree Method" in Journal of Solid Mechanics Vol. 8, No. 2 (2016) pp. 262-279

**A part of my C.V. regarding Management of Technology:**

1. B. Soltani M, Sadigh, **Comparison between Science Parks and Science towns**, IASP World Conference, Spain, 1999
2. B. Soltani, A. M. Birang, S.H. Tabatabaeian, **The important and roles of science parks in the national innovation system**, XX IASP World Conference, June 2003, Lisboa, Portugal
3. B. Soltani, **National Innovation System**, Congress of all the university directors of the Iran, 2002
4. B. Soltani, **Science and Technology in View of National Innovation System**, Tehran workshop on Scientometrics, Sept. 2004, Tehran, Iran
5. B. Soltani, **Science parks, Incubators and National Innovation System**, conference on Science parks, Isfahan, Iran, 2003

6. B. Soltani, **ELEMENTS OF ATTRACTIVENESS IN THE KNOWLEDGE ECONOMY, IN THE VIEW OF NATIONAL INNOVATION SYSTEM,** IAMOT2005, Vienna, Austria

Moreover, about 20 Papers and lectures about science parks and incubators.