



## Saeid Golabi

Professor

College: Faculty of Mechanical Engineering

Department: Mechanical Engineering - Solid Design

### Education

Degree	Graduated in	Major	University
BSc	1987	Mechanical Engineering, Mechanics of Solids	Tehran University
MSc	1990	Mechanical Engineering, Applied mechanics	Tehran University
Doctoral	1997	Mechanical Engineering	University of South Australia

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Professor	Tenured	Full Time	29

### Papers in Conferences

- رضا احمدپورترکمانی، سعید گلابی، گزارش بررسی عملکرد الگوریتم بهینه سازی نهنگ، انجمن مهندسان مکانیک ایران، ۱ - ۰۵ ۲۰۲۵. تهران.
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- با ظرفیت تولید CCHP مجید سبزپوشانی، سعید گلابی، بررسی و ارزیابی اقتصادی تولید همزمان برق، حرارت و تبرید برق یک مگاوات، اولین کنفرانس بین المللی رویکردهای نوین در نگهداشت انرژی، تهران دانشگاه صنعتی امیرکبیر، ۱ تا ۲ آذر ۱۳۹۰.
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9. Golabi S., Abhary K., Luong L. H. S. ,A Technique For Planar Contact Recognition In Automatic Assembly Planning ,Proceedings of The 1996 ASME Design Engineering Technical Conferences ,Irvine, California ,18-22August 1996.
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## Papers in Journals

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1. Ali Foroozmehr, Mohsen Badrossamay, Ehsan Foroozmehr, Sa'id Golabi,Finite Element Simulation of Selective Laser Melting process considering Optical Penetration Depth of laser in powder bed,Materials and Design,Vol. 89,pp. 255-263,2015 10 01,Q1.
2. Sa'id Golabi, Javad Jafari Fesharaki, Maryam Yazdipoor,Gear train optimization based on minimum volume/weight design,Mechanism and machine theory,Vol. 73,pp. 197-217,2014 3 01,ISI.
3. Mohammadreza Salarkia1, Sa'id Golabi,Liquefied Natural Gas (LNG): Alternative Marine Fuel Restriction and Regulation, Considerations, Environmental and Economic Assessment,Energy Engineering & Management,Vol. 4,No. 10,pp. 44-59,2021,ISC.
4. Javad Jafari Fesharaki, Seyed Ghasem Madani, Sa'id Golabi,Numerical and analytical investigation of a cylinder made of functionally graded materials under thermo-mechanical fields,Journal of Modern processes in Manufacturing and production,Vol. 3,No. 5,pp. 59-68,2016,ISC.
5. Sa'id Golabi, Hossein Khazaali,Determining frustum depths of 304 stainless steel plates with various diameters and thicknesses by incremental forming,Journal of Mechanical Science and Technology,Vol. 28,No. 8,pp. 3273-3278,2014 8 01,ISI.
6. S. M. R. Allahyari · S. Golabi,Reducing Stress Concentration Around a Hole in a Thin-Wall Cylinder Subjected to Internal Pressure Using Piezoelectric Patches,Iranian Journal of Science and Technology, Transactions of Mechanical Engineering,2019 10 3.
7. S. M. R. Allahyari · S. Golabi,Reducing stress concentration around a hole in a plate subjected to biaxial tension,Iranian Journal of Science and Technology, Transactions of Mechanical Engineering,2019 12 06.
8. Masoud Mohammadi , Sa'id Golabi , Behzad Amirsalari,Determining Optimum Butt-Welding Parameters of 304 Stainless-Steel Plates Using Finite Element, Particle Swarm and Artificial Neural Network,Iranian Journal of Science and Technology, Transactions of Mechanical Engineering,2020 10 07.
9. Mohammadreza Salarkia , Sa'id Golabi , Behzad Amirsalari,Optimum Design of Liquified Natural Gas Bi-lobe Tanks using Finite Element, Genetic Algorithm and Neural Network,Journal of Applied and Computational Mechanics,Vol. 4,No. 6,2019 10 18.
10. Javad Jafari Fesharaki, Seyed Ghasem Madani, Sa'id Golabi,Investigating the effect of stiffness/thickness ratio on the optimal location of piezoelectric actuators through PSO algorithm,Journal of Solid Mechanics,Vol. 4,No. 9,pp. 832-848 ,2017,Q3.
11. Ehsan Malekipour, Sa'id Golabi,Examining the Effects of Continuously Variable Transmission (CVT) and a new mechanism of planetary gearbox of CVT on Car Acceleration and Fuel Consumption,International Journal of Application or Innovation in Engineering & Management,Vol. 3,No. 9,pp. 69-79,2014 9 01.

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13. Sa'id Golabi & Mohammad Reza Vakil & Behzad Amirsalari,Multi-Objective Optimization of Residual Stress and Cost in Laser Shock Peening Process Using Finite Element Analysis and PSO Algorithm,Lasers in Manufacturing and Materials Processing,2019 09 13,Q2.
14. Mohammadali Keshtia · Sa'id Golabi · Rasoul Tarkesh Esfahani,Multi-objective optimization of stainless steel 304 tube laser forming process using GA,Engineering with Computers,2019 08 19,Engineering with Computers.
15. Hamid Madaninasab, Sa'id Golabi,FEM simulation of the bending angle during the laser forming of FGM Plates,Journal of Thermal Stresses,Vol. 38,pp. 1034-1048,2015 6 01,ISI.
16. حسین وثوق,سعید گلابی,Optimal Design Method for Elliptical WN-Flange and its Closure Using FEA & NSGA-II to comply with ASME Sec. VIII-Div. 2, no Leakage Conditions & Bolt Integrity,Journal of Pressure Vessel Technology,2025 04 30,JCR ,SCOPUS.
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