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Journal Papers:

1. Sharma DS, Patel NP, Trivedi RR (2014) Optimum Design of Laminates Containing an Elliptical Hole. International Journal of Mechanical Sciences 85: 76-87, Elsevier, Impact Factor: 2:168
2. Sharma DS, Patel NP (2015) Moment Distribution around Circular / Elliptical / Triangular Cutouts in Infinite Symmetric Laminated Plate. Mechanics of Advance Materials and Structure, 22:4, 290-297, Taylor and Francis, Impact Factor: 0:982.

Manuscript Submitted:

1. Patel NP, Sharma DS (2014) optimal design and stress analysis of orthotropic plate weakened by polygonal shaped opening. Meccanica, Springer, Impact Factor: 1:815.
2. Patel NP, Sharma DS (2014) Analysis and Optimum Design of Composite Plate weakened by Triangular Hole, European Journal of Mechanics - A/Solids, Elsevier, Impact Factor: 1:9.
3. Patel NP, Sharma DS (2014) Moment Distribution around square hole in symmetric laminates. International Journal of Mechanical Sciences, Elsevier, Impact Factor: 2:168.

Conference Papers:

1. Patel NP, Parmar GS, Sharma DS. Stress Analysis of Orthotropic Plate weakened by Square Hole. Proceedings of the International colloquium on materials, manufacturing and metrology, Department of Mechanical Engineering, IIT Madras, India, p. 796-799, 8-9 August, 2014.
2. Patel NP, Sharma DS, Trivedi RR. Optimization And Stress Analysis Of Orthotropic Plate Containing Square Hole Subjected To In-Plane Loading. Proceedings of the International Conference on Computer Aided Engineering (CAE-2013) Department of Mechanical Engineering, IIT Madras, India, p. 580-585, 19-21 December, 2013.
3. Patel NP, Sharma DS, Trivedi RR. Strength optimization of Orthotropic Plate containing Triangular Hole subjected to In-plane loading. Proceedings of the International Conference on Advanced Engineering Optimization through Intelligent Techniques (AEOTIT), S.V. National Institute of Technology, Surat, India, p. 233-237, 01-03 July, 2013.

4. Patel NP, Sharma DS. Optimization of Graphite/Epoxy plate with a Circular hole subjected to In-plane loading. Proceedings of the International conference on Mechanics of Functional Material and Structures (ACMFMS 2012), IIT Delhi, India, p. 579-584, December, 2012.
5. Dave JM, Sharma DS, Patel NP. Stress Intensity Factor for Hole with Cusp in Infinite Anisotropic Media. Proceedings of the International conference on Mechanics of Functional Materials and Structures (ACMFMS 2012), IIT Delhi, India, p. 912-916, December, 2012.
6. Sharma DS, Patel NP. Moment distribution around Circular/Elliptical/Triangular Cutouts in Infinite symmetric laminated plate. Fourth International Conference on Structural Stability and Dynamics (ICSSD2012) in collaboration with TEXASA and M University, USA, Malaviya National Institute of Technology, Jaipur, India, vol. 3, p. 2626-2631, 2011.
7. Sharma DS, Panchal K, Patel NP. A general solution for the Stresses around Internally Pressurized Circular hole in Symmetric Laminates. International Conference on Recent trends in Engineering, Institute of Technology, Nirma University, Ahmedabad, India, 2011.