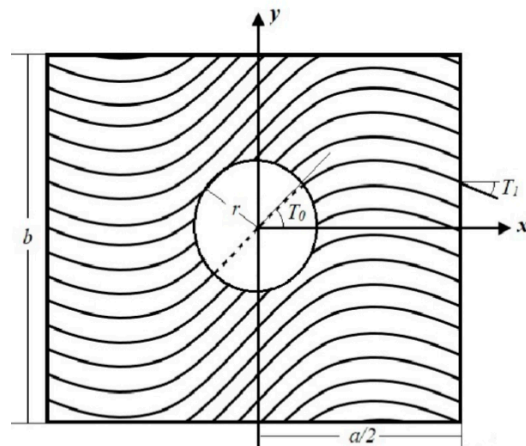
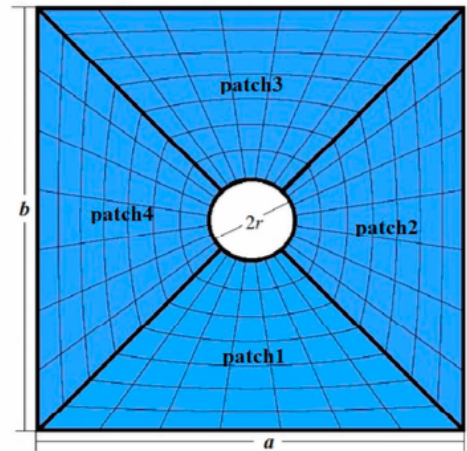




Dr. Vahid Khalafi



of variable stiffness ply with curved fibers and em



cal model of perforated plate using four

From: V. Khalafi and J. Fazilati, "Optimization of tow-steered perforated variable stiffness composite laminates for vibration tailoring using IGA", 18th European Conference on Composite Materials, Athens, Greece, 24-28 June 2018

See:

https://www.researchgate.net/profile/Vahid_Khalafi2

<https://scholar.google.com/citations?user=0QhvgwsAAAAJ&hl=en>

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Selected Publications:

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- H. Shahverdi, V. Khalafi and S. Noori, "Aerothermoelastic analysis of functionally graded plates using generalized differential quadrature method", Latin American Journal of Solids and Structures Vol. 13, pp 796-818, (2016)
- H. Shahverdi and V. Khalafi, "Bifurcation analysis of FG curved panels under simultaneous aerodynamic and thermal loads in hypersonic flow", Composite Structures, Vol. 146, pp 84-94, June 2016
- Vahid Khalafi and Jamshid Fazilati, "Free vibration analysis of variable stiffness composite laminated thin plates using isogeometric analysis", 7th International Conference on Acoustics and Vibration, Tehran, Iran, 28-29 November 2017
- Vahid Khalafi and Jamshid Fazilati, "Free vibration analysis of variable stiffness composite laminated thin skew plates using IGA", Journal of Theoretical and Applied Vibration and Acoustics, Vol. 4, No. 2, pp 170-187, 2018
- V. Khalafi, H. Shahverdi, S. Noori, Nonlinear Aerothermoelastic Analysis of Functionally Graded Rectangular Plates Subjected to Hypersonic Airflow Loadings, AUT J. Mech. Eng., 2(2) (2018) 217-232.
- J. Fazilati, V. Khalafi, H. Shahverdi, 3-D Aero-Thermo-Elasticity Analysis of Functionally Graded Cylindrical Shell Panels, PartG: Journal of Aerospace Engineering, March 2018
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J. Fazilati and V. Khalafi, "Effects of embedded perforation geometry on the free vibration of tow-steered variable stiffness composite laminated panels", Article 106287, Thin-Walled Structures, Vol. 144, November 2019