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Education

Degree	Graduated in	Major	University
BSc	2000	Mechanical Engineering	Shahid Chamran University of Ahvaz
MSc	2002	Mechanical Engineering	Iran University of Science and Technology
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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Associate Professor	Certain	Full Time	

Papers in Conferences

1. مهدی سعیدی اصفهانی، احمدرضا قاسمی، محمد حیدری رارانی، مطالعه اثرات پارامترهای ناحیه‌ی چسبناک بر رفتار رشد تورق در چندلایه‌های کامپوزیتی، بیست و هشتمین همایش سالانه بین‌المللی مهندسی مکانیک ایران، ۱ - تهران، ۲۰۲۰، ۵۵-۲۷.
2. احمدرضا قاسمی، سیده سارا امیراحمدی، بهزاد اصغری، اثرات استفاده از ماتریس تنظیم تیخانوف در محاسبه تنش‌های پسماند در روش سوراخکاری مرکزی، بیست و ششمین همایش سالانه بین‌المللی مهندسی مکانیک، ۱ - سمنان، ۲۰۱۸، ۲۴-۰۴.
3. تقویت شده T] احمدرضا قاسمی، مهدی محمدی فشارکی، مطالعه و کاهش انحاء در کامپوزیت‌های لایه‌ای [۰۲/۹۰۲. با نانولوله‌های کربنی، اولین کنفرانس بین‌المللی فناوریهای نوین در علوم، ۱ - آمل، ۲۰۱۷، ۰۷-۰۹.
4. احمدرضا قاسمی، مجتبی خلیلی، اکبر طهمورثی، مطالعه اثرات تمرکز تنش ابعاد هندسی سوراخ، چیدمان و جنس بر روی چند لایه‌های کامپوزیتی با هندسه حلقوی، ۲۵ امین کنفرانس سالانه بین‌المللی مهندسی مکانیک ایران، ۱ - تهران، ۲۰۱۷، ۵۵-۰۲.
5. احمدرضا قاسمی، اکبر طهمورثی، مجتبی خلیلی، مطالعه تحلیلی و تجربی اثرات چیدمان، ابعاد هندسی سوراخ و جنس بر روی ضریب تمرکز تنش چند لایه‌های کامپوزیتی، ۲۵ امین کنفرانس سالانه بین‌المللی مهندسی مکانیک ایران، ۱ - تهران، ۲۰۱۷، ۵۵-۰۲.
6. احمدرضا قاسمی، مجتبی قاسمی، تحلیل تنش‌های بین‌لایه‌ای در تیرهای کامپوزیتی گیردار- آزاد بر روی بستر الاستیک، شانزدهمین کنفرانس بین‌المللی انجمن هوافضای ایران، ۱ - تهران، ۲۰۱۷، ۲۱-۰۲.

7. به روش تیوری مرتبه (FML) علیرضا شالچی، احمدرضا قاسمی، تحلیل ارتعاشات آزاد صفحات هیبریدی فلز کامپوزیت اول برشی اصلاح شده و مقایسه آن با تیوری کلاسیک لایه ای، چهارمین کنفرانس ملی و دومین کنفرانس بین المللی پژوهش هایی کاربردی در مهندسی برق، مکانیک و مکترونیک، ۱ - تهران، ۲۰۱۷، ۱۷ ۰۲ .
8. احمدرضا قاسمی، بهنام عامری، استفاده از نانوکامپوزیت ها در کنترل خوردگی فلزات، چهارمین کنفرانس تخصصی فناوری نانو در صنعت برق و انرژی، ۱ - تهران، ۲۰۱۶، ۲۳ ۰۸ .
9. احمدرضا قاسمی، محمد محمدی فشارکی، مطالعه تنشهای پسماند الیاف کربنی تقویت شده به روش الکتروفورز در یزد، ۲۰۱۶ - ۱، SME2016، کامپوزیتهای پایه پلیمری، بیست و چهارمین همایش سالانه بین المللی مهندسی مکانیک ایران ۲۶ ۰۴ .
10. احمدرضا قاسمی، کمیل حسین پور، توزیع کرنش خزشی بلندمدت در جداره استوانه کامپوزیتی چندلایه با الیاف تک جهت، بیست و چهارمین همایش سالانه بین المللی مهندسی مکانیک ایران، ۱ - یزد، ۲۰۱۶، ۲۶ ۰۴ .
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12. Abolfazl Vaheb, Parametric Analysis of Composite Wind Turbine Blades: An Aerodynamic Perspective, 27 05 2020, تهران, 1 - بیست و هشتمین همایش سالانه بین المللی مهندسی مکانیک ایران .
13. بیست و هشتمین همایش سالانه بین المللی مهندسی مکانیک, A computational method to assess the impact of stacking sequence on the cured shape of laminated hybrid polymeric structures, صهبا روح الهی, 27 05 2020, تهران, 1 - ایران .
14. mohammad meskini, Vibration studies of rotating functionally graded circular cylindrical shells based on Love's shell theory, The 27th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2019, 1 - 30 04 2019, تهران .
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16. Buckling Analysis of Fiber Metal Laminated Circular Cylindrical Shells Reinforced by CNTs, The 27th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2019, 1 - 30 04 2019, تهران .
17. Investigation of the effects of cooling temperature on the residual stresses of CFRP composite cylinders, The 6th International Conference on Composites: Characterization, Fabrication and Application (CCFA-6), 1 - 11 12 2018, تهران .
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19. Curvature changes and weight loss of GFRP composites under thermal fatigue, The 6th International Conference on Composites: Characterization, Fabrication and Application (CCFA-6), 1 - 11 12 2018, تهران .
20. Influence of Magnetic Field in Creep Behavior of Three-phase Composite Cylinder, The 26th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2018, 1 - 24 04 2018, سمنان .
21. Masood Mohandes, The effects of uniformly distributed carbon nanotubes and rotation on the frequencies of fiber metal laminated cylindrical shells, The 26th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2018, 1 - 24 04 2018, سمنان .
22. Buckling Optimization of Grid Stiffened Composite Shell under External Hydrostatic Pressure, International Conference on Experimental Solid Mechanics (X-Mech 2016), 1 - 16 02 2016, تهران .
23. Ahmad Reza Ghasemi, & Ali Tabatabaeian, Curvature changes and weight loss of GFRP composites under thermal fatigue, The 6th International Conference on Composites: Characterization, Fabrication and Application (CCFA-6), 2018.
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2. Masood Mohandes, Ahmad Reza Ghasemi, A new approach to reinforce the fiber of nanocomposite reinforced by CNTs to analyze free vibration of hybrid laminated cylindrical shell using beam modal function method, *European Journal of Mechanics-A/Solids*, No. 73, pp. 224-234, 2019.
3. AR Ghasemi, A Tabatabaeian, M Moradi, Residual stress and failure analyses of polymer matrix composites considering thermal cycling and temperature effects based on classical laminate plate theory, *Journal of Composite Materials*, 2018, ISI.
4. Ahmad Reza Ghasemi, Mohammad Mohammadi Fesharaki, Effect of carbon nanotube on cured shape of cross-ply polymer matrix nanocomposite laminates: analytical and experimental study, *Iranian Polymer Journal*, Vol. 27, No. 12, pp. 965-977, 2018.
5. Ahmad Reza Ghasemi, Komeil Hosseinpour, Creep strain and stress analysis in laminated composite pressure vessels, *Mechanics of Advanced Composite Structures*, Vol. 5, No. 2, pp. 141-147, 2018.
6. Nayyereh Shabani, Masood Hamadani, Ahmad Reza Ghasemi, Marzieh Sarafrazi, Physicochemical and Mechanical Properties of Epoxy/Polyurethane/Nickel Manganite Nanocomposite: A Response Surface Methodology/Central Composite Designs Study, *Journal of Inorganic and Organometallic Polymers and Materials*, Vol. 28, No. 6, pp. 2689-2700, 2018.
7. AR Ghasemi, M Moradi, Failure analysis of the Nol-ring polymer matrix composites under thermal cycling., *Polymer Composites*, Vol. 39, No. 9, pp. 3140-3146, 2018.
8. Ghasemi, A. R. , Hamadani, M. , Sarafrazi, M. , Najafidoust, A, Molecular dynamics simulation and thermo-mechanical characterization for optimization of three-phase epoxy/TiO₂/SiO₂ nano-composites, *Polymer Testing*, 2021.
9. Ahmad Reza Ghasemi, Komeil Hosseinpour, The SWCNTs roles in stress/strain distribution of three-phase multilayered nanocomposite cylinder under combined internal pressure and thermo-mechanical loading, *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, Vol. 40, No. 8, pp. 391-399, 2018.
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11. Ahmad Reza Ghasemi, Masood Mohandes, Free vibration analysis of micro and nano fiber-metal laminates circular cylindrical shells based on modified couple stress theory, *Mechanics of Advanced Materials and Structures*, 2018.
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13. Ahmad Reza Ghasemi, Komeil Hosseinpour, Masood Mohandes, Modeling creep behavior of carbon nanotube/fiber/polymer composite cylinders, *Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems*, 2018.
14. احمدرضا قاسمی, علی طباطبائی, مهدی مرادی, A new insight into impact of thermal cycling on the un-notched and circular hole polymeric composite rings via naval ordnance laboratory-ring test, *J COMPOS MATER*, Vol. 54, pp. 3287, 2020 09 01, SCOPUS ,JCR.
15. Ahmad Reza Ghasemi, Masood Mohandes, Comparison between the frequencies of FML and composite cylindrical shells using beam modal function model, *Journal of Computational Applied Mechanics*, 2018.

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20. احمدرضا قاسمی, بهزاد اصغری, علی طباطبائیان, Determination of the influence of thermo-mechanical factors on the residual stresses of cylindrical composite tubes: Experimental and computational analyses, INT J PRES VES PIP, Vol. 183, pp. 1, 2020 06 01, SCOPUS ,JCR.
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22. محمد مسکینی کارمزدی, احمدرضا قاسمی, Electro-magnetic potential effects on free vibration of rotating circular cylindrical shells of functionally graded materials with laminated composite core and piezo electro-magnetic two face sheets, J SANDW STRUCT MATER, 2020 03 19, SCOPUS ,JCR.
23. M Heidari, & Rarani, AR Ghasemi, Appropriate shape of cohesive zone model for delamination propagation in ENF specimens with R-curve effects, Theoretical and Applied Fracture Mechanics, Vol. 90, pp. 174-181, 2017.
24. محمد هادی حاج محمد, علی طباطبائیان, احمدرضا قاسمی, فتح ا... طاهری بهروز, A novel detailed analytical approach for determining the optimal design of FRP pressure vessels subjected to hydrostatic loading: Analytical model with experimental validation, COMPOS PART B-ENG, Vol. 183, pp. 1, 2020 03 15, SCOPUS ,JCR.
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27. Ahmad Reza Ghasemi, Mohammad Mohammadi Fesharaki, Masood Mohandes, Three-phase micromechanical analysis of residual stresses in reinforced fiber by carbon nanotubes, Journal of Composite Materials, Vol. 51, No. 12, pp. 1783-1794, 2017.
28. علی طباطبائیان, احمدرضا قاسمی, The impact of MWCNT modification on the structural performance of polymeric composite profiles, POLYM BULL, 2020 01 01, SCOPUS ,JCR.
29. Ghasemi, A. R. , Kiani, S. , Tabatabaeian, A., Buckling analysis of FML cylindrical shells under combined axial and torsional loading, Mechanics of Advanced Composite Structures, 2020.
30. مسعود مهندس, احمدرضا قاسمی, Discrepancies Between Free Vibration of FML and Composite Cylindrical Shells Reinforced by CNTs, Mechanics of Advanced Composite Structures, Vol. 6, pp. 105, 2019 11 24, SCOPUS ,ISC.
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36. مهدی اشرفی, احمدرضا قاسمی, مسعود همدانیان, Optimization of thermo-mechanical and antibacterial properties of epoxy/ polyethylene glycol/MWCNTs nano-composites using response surface methodology and investigation thermal cycling fatigue, POLYM TEST, Vol. 78, pp. 105946, 2019 09 01, SCOPUS, JCR.

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39. احمدرضا قاسمی, مجتبی قاسمی, تحلیل تنش های بین لایه ای در تیرهای کامپوزیتی بر روی بستر الاستیک با استفاده از فنرهای افقی و عمودی, مجله مهندسی مکانیک دانشگاه تبریز, مجلد ۴۸, شماره صفحات ۲۲۹, ۱۳۹۷/۱۲/۲۵, ISC.

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