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Professor

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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 .
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11. احمدرضا قاسمی، محسن اقابابایی بنی، توزیع تنش خزشی وابسته به زمان در مخزن چندلایه کامپوزیتی کروی تحت فشار داخلی، پانزدهمین کنفرانس بین المللی انجمن هوافضای ایران، ۱ - تهران، ۲۰۱۶، ۲۳ ۰۲ .
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, 1 - تهران, 27 05 2020, .
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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.
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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.
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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.

16. سیده سارا امیراحمدی,احمدرضا قاسمی, Experimental investigation of cooling conditions, MWCNTs and mandrel diameter effects on the thermal residual stresses of multi-layered filament-wound composite pipes, J COMPOS MATER, 2020 06 30, SCOPUS ,JCR.
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18. مرضیه سرافرازی,احمدرضا قاسمی,مسعود همدانیان, Synergistic effect between CuCr2O4 nanoparticles and plasticizer on mechanical properties of EP/PU/CuCr2O4 nanocomposites: Experimental approach and molecular dynamics simulation, J APPL POLYM SCI, Vol. 137, pp. 1, 2020 06 04, SCOPUS ,JCR.
19. Masood Mohandes, Ahmad Reza Ghasemi, Modified couple stress theory and finite strain assumption for nonlinear free vibration and bending of micro/nanolaminated composite Euler–Bernoulli beam under thermal loading, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, Vol. 231, No. 21, pp. 4044-4056, 2017.
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21. Ahmad Reza Ghasemi, Mahdi Moradi, Open-Hole Size and Thermal Cycling Effect on Mass loss and Surface Degradation of Polymer Matrix Composites, Mechanics of Advanced Composite Structures, Vol. 4, No. 2, pp. 111-116, 2017.
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.
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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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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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