



# Farah Hasan jasim Mahdi Alhusseini

فرح حسن جاسم مهدي الحسيني

Lecturer

## PROFILE

Farah currently works at the Department of Mathematics, University of Al-Qadisiyah. Farah does research in Geometry and Topology. Their current project is 'Geometry of Conharmonic Tensor of Locally Conformal Almost Cosymplectic Manifolds'. Our work devoted to Riemann Geometry. In Particular, on almost Hermitian and almost contact metric manifolds. We study the geometric properties of some curvature tensors on these manifolds, then we expect to find a certain theoretical applications.

## ACADEMIC TITLES

2023-03-02 Lecturer

## PUBLICATIONS ( 13 )

1. **Vanishing quasi-conformal curvature tensor of a certain class of almost contact metric manifolds**  
*Tamkang Journal of Mathematics, 2026 | 2026*
2. **Pseudo-Quasi Conformal Curvature Tensor of Quasi Sasakian Manifold with Generalized Sasakian Space Forms**  
*Malaysian Journal of Mathematical Sciences 19 (2), 383–398, 2025 | 2025 | Cited: 3*
3. **Quasi Sasakian manifold endowed with vanishing pseudo quasi conformal curvature tensor**  
*MethodsX, 103512, 2025 | 2025 | Cited: 3*
4. **On the conharmonic curvature tensor of a locally conformal almost cosymplectic manifold**  
*Communications of the Korean Mathematical Society 35 (1), 269-278, 2020 | 2020 | Cited: 10*
5. **Quasi invariant conharmonic tensor of special classes of locally conformal almost cosymplectic manifold**  
*Vestnik Udmurtskogo Universiteta Matematika Mekhanika Komp'yuternye Nauk&nbsp;..., 2020 | 2020 | Cited: 5*
6. **Vanishing conharmonic tensor of normal locally conformal almost cosymplectic manifold**  
*Commentationes Mathematicae Universitatis Carolinae 61 (1), 93-104, 2020 | 2020 | Cited: 6*
7. **Constant curvature of a locally conformal almost cosymplectic manifold**  
*AIP Publishing, 2019 | 2019 | Cited: 3*
8. **Constant curvature of a locally conformal almost cosymplectic manifold**  
*AIP Conference Proceedings 2086 (1), 030003, 2019 | 2019 | Cited: 7*
9. **Locally conformal almost cosymplectic manifold of  $\Phi$ -holomorphic sectional conharmonic curvature tensor**  
*European Journal of Pure and Applied Mathematics 11 (3), 671-681, 2018 | 2018 | Cited: 9*
10. **On cocompact open Set**  
*Journal of AL-Qadisiyah for computer science and mathematics 6 (2), 1-18, 2014 | 2014 | Cited: 5*
11. **On geometry of Conformally Co-symplectic Manifold**  
*Lahore 31 (2), 205-209, 0 | 0*
12. **Projective-Recurrent Nearly Kählerian Manifold**  
*Available at SSRN 5371801, 0 | 0*
13. **Quasi-Conformal Curvature Tensor of NC10-Manifold**  
*0*

## CONTACT

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## EDUCATION

دكتوراه (05-01-2020)

Differential Topology

University of Basrah

## RESEARCH METRICS

h-index (Scopus)	3
h-index (GS)	5
Citations (Scopus)	20
Citations (GS)	48
Documents (Scopus)	7
Documents (GS)	12

## RESEARCH INTERESTS

- Differential Topology
- Differential Geometry
- Riemann Geometry
- General Topology
- Contact and Hermitian Geometry
- Algebraic Topology

