

Gulmina Zaman Babar

UX/UI Designer

Greetings! I am a passionate UX/UI designer

Nowshera, Pakistan

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EDUCATION

M.Phil in Mathematics (General Relativity)
National University of Science and Technology
Islamabad, Pakistan

2015

CGPA :3.7/4

Courses/Thesis

- Algebra
- Geometry
- Convex Analysis
- General Relativity
- Thesis:** Dynamics of a charged particle around a weakly magnetized naked singularity
[10.1142/S0218271816500243](https://doi.org/10.1142/S0218271816500243)
- Real Analysis
- Differential Equations
- Partial Differential Equations
- Combinatorics

PUBLICATIONS

Dynamics of a charged particle around a weakly magnetized naked singularity

- International Journal of Modern Physics D Vol. 25, No. 2 (2016) 1650024.
- DOI: [10.1142/S0218271816500243](https://doi.org/10.1142/S0218271816500243)

Periodic orbits around a spherically symmetric naked singularity

- Physical Review D 96, 084052 (2017).
- DOI: [10.1103/PhysRevD.96.084052](https://doi.org/10.1103/PhysRevD.96.084052)

Optical Properties of Kerr-Newman space time in the presence Plasma

- The European Physical Journal C 80, 761 (2020).
- DOI: [10.1140/epjc/s10052-020-8346-3](https://doi.org/10.1140/epjc/s10052-020-8346-3)

Gravitational Lensing in 4-D Einstein-Gauss-Bonnet gravity in the presence of plasma

- Physics of the Dark Universe 32, 100798 (2021).
- DOI: [10.1016/j.dark.2021.100798](https://doi.org/10.1016/j.dark.2021.100798)

Particle acceleration around rotating Einstein-Born-Infeld black hole and plasma effect on gravitational lensing

- Physical Review D 103, 084057 (2021).
- DOI: [10.1103/PhysRevD.103.084057](https://doi.org/10.1103/PhysRevD.103.084057)

Retrolensing by a spherically symmetric naked singularity

- DOI: [arXiv:2104.01340](https://arxiv.org/abs/2104.01340) (2022)

SKILLS

Figma

Adobe XD

HTML/CSS

Bootstrap

Inskape

Latex

Mathematica

Microsoft Word

CERTIFICATES

Google UX Design Professional Certificate (08/2022)

<https://www.coursera.org/account/accomplishments/specialization/certificate/MRGW88JUA9KC>

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

Pashto

Native or Bilingual Proficiency

INTERESTS

User Experience

User Interface

Product Designing

Front End Development