

COE-Mass weekly seminar series

THE DST-NRF CENTRE OF EXCELLENCE IN MATHEMATICAL AND STATISTICAL SCIENCES (CoE-MaSS) PRESENTS A SEMINAR BY

Prof Ghulam Shabbir (Institute of Engineering Sciences and Technology, Topi, Swabi, KPK, Pakistan)

"How to Find Proper Projective Symmetry in Space-Times"

Friday, 06 July 2018 10h30-11h30 CoE-MaSS Seminar Room, 1st floor, Math Sci Bldg, West Campus, Wits University.



In this talk, a study of proper projective symmetry in the space-time is given using the rank of the Riemann tensor, direct integration and algebraic techniques. Here, we show that if the rank of the Riemann tensor is one, two, three or four than no proper projective symmetry exist. In the case of rank six space-times we show that a very special class of the space-times admit proper projective symmetry.

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