

CoE-MaSS weekly seminar series

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

Dr David Erwin

*(Department of Mathematics and Applied Mathematics,
University of Cape Town)*

“Eccentric graphs and digraphs”

Friday, 5 July 2019

10h30-11h30

CoE-MaSS Seminar Room, 1st floor, MSB, Wits.

The eccentricity of a vertex v in a connected graph is the maximum length of a geodesic that starts at v . Suppose we are given a graph G in which each vertex v is assigned a positive integer $l(v)$. If G is an induced subgraph of a connected graph H such that every vertex of G has eccentricity $l(v)$ in H , we'll say the labelled graph G is eccentric. In this talk, we'll characterize eccentric graphs and digraphs and discuss some related ideas. This is joint work with two different sets of co-authors.



Email: david.erwin@uct.ac.za

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