CCSU

DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, September 21
3:00 – 4:00 PM
Maria Sanford, Room 101

GENERALIZED METRIZABILITY

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Abstract: We examine the effects of generalizing the metric axioms, and looking at spaces induced by the generalized metrics. In particular, we look at the effect of:
- generalizing their range (from the reals to ordered algebras),
- generalizing the properties of the positives,
- giving up some of the metric axioms, particularly symmetry.

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