CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, November 22
2:00 – 3:00 PM
Maria Sanford, Room 101

FROM GRADIENT ESTIMATES TO LIOUVILLE PROPERTIES FOR PERTURBED LAPLACIANS ON MANIFOLDS

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Abstract: We start the talk with a discussion of the Cheng-Yau gradient estimate and some of its generalizations. Then we discuss some maximum principles. Finally, we combine gradient estimates and maximum principles to obtain Liouville properties for certain perturbations of the Laplacian on Manifolds.

Aftermath to follow at Castaneda's (across from Davidson's Hall)

For further information:
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