

Applied Mathematics Seminar

Quadrature domains, Subnormal operators, and Weighted shifts

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Abstract

In this talk, we introduce quadrature domains and two important classes in operator theory, i.e., the classes of subnormal operators and weighted shifts. Then, we consider the connection between quadrature domains and subnormal operators. Next, we study the relation between subnormal operators and weighted shifts. Finally, we present an interesting result regarding weighted shifts which are closely related to subnormal operators.

Date: Tuesday, February, 23, 2016 Time: 3:00-4:00PM
Place: MAGC 1.302

Coffee will be served. For further information or for special accommodations, please contact Dr. Ranadhir Roy at 665-2371 or via email at ranadhir.roy@utrgv.edu