Department of Mathematical Sciences Colloquium

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Some Topics in Nonlinear Ergodic Theory with Applications

After a brief review of some historical background on linear ergodic theory, we present nonlinear mean ergodic theorems related to nonexpansive mappings, as well as more recent results on the ergodic theory of expansive maps. Applications of these results to the ergodic behavior of solutions to non-autonomous dissipative evolution systems, as well as expansive type evolution systems are then considered.

Friday, September 30, 2005 at 3 pm. in Bell Hall 143
The University of Texas at El Paso

Refreshments will be served in front of the colloquium room, 15 minutes before the start of the colloquium.

For further information, please contact Dr. Pavel Šolín, Bell Hall 220. Phone: (915) 747-6770, email: `solin@utep.edu`.