The Invariant Subspace Problem: 
A Smorgasbord of Perspectives

Mert ÇAĞLAR
İstanbul Kültür University

The present talk will serve as an introduction to a three-day-mini-workshop dedicated to the invariant subspace problem, which will be held on May 11-13, 2007 at the Karaköy Communication Center of Sabancı University. Considered by some as the most important problem in functional analysis, the invariant subspace problem reveals its genuine value in the proliferation of oodles of different directions what were later to become standard tools in analysis. The workshop, whose programme is shown below, will be a crash course in different aspects of this problem. In the introductory talk, a general framework for the invariant subspace problem and the workshop will be provided.

Date and Time: May 11, 2007, 15:45
Place: Sabancı Üniversitesi, Karaköy İletişim Merkezi, Bankalar Caddesi No:2 Karaköy İstanbul

Please post
WORKSHOP PROGRAMME

• 12/05/2007
  10:00–12:00: Beurling’s theorem and some of its consequences
          Uğur GÜL, Middle East Technical University
  14:00–16:00: The Scott Brown's technique
          Onur YAVUZ, Middle East Technical University

• 13/05/2007
  10:00–12:00: Invariant subspaces for families of positive operators on locally solid
          Riesz spaces with Markushevich basis
          Mert ÇAĞLAR, İstanbul Kültür University
  14:00–15:00: Invariant subspace theorems for families of positive operators on a
          Banach lattice
          R. Tunç MISIRLIOĞLU, İstanbul University
  15:00–16:00: On a problem of Y. Abramovich, C.D. Aliprantis and O. Burkinshaw
          concerning invariant subspaces of non-positive operators
          Özlem ÇAVUŞOĞLU, İstanbul Kültür University

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Sketch of Karaköy İletişim Merkezi