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Complex Symmetric Composition Operators on H^2

Abstract

Garcia has motivated much interest in complex symmetric operators. He and Hammond initiated the search for composition operators exhibiting complex symmetry, with only one example so far: involutive disk automorphisms. In this talk, we give new examples of linear-fractional maps that induce complex symmetric composition operators and also identify the conjugation that induces the complex symmetry. Joint work with Sivaram Narayan and Daniel Sievewright of Central Michigan University.

Talk time: 2016-07-19 02:30 PM— 2016-07-19 02:50 PM
Talk location: Cupples I Room 207