1138-47-58

Pamela Gorkin* (pgorkin@bucknell.edu), Bucknell University, Department of Mathematics, Lewisburg, PA 17837, and Jonathan R. Partington (j.r.partington@leeds.ac.uk).

Numerical ranges of restricted shifts and norms of truncated Toeplitz operators. Preliminary report. We discuss numerical ranges of restricted shift operators and their unitary dilations, including methods to calculate numerical radii of such operators. Specific examples for lower-degree cases will be provided. We also consider related results on truncated Toeplitz operators

This talk will focus on joint work with Jonathan Partington. (Received January 26, 2018)