

# Pseudospectra and their Boundaries

Peter Lancaster  
Mathematics and Statistics, University of Calgary  
lancaste@ucalgary.ca

## **Abstract**

This is an account of collaborative work with L. Boulton and P. Psarrakos. Basic ideas concerning pseudospectra of matrix polynomials will be reviewed. Curve tracing algorithms for following the boundary require detailed knowledge of its smoothness properties. I will review some new results in this direction.