Contents

Spectral Estimates for Schrödinger Operators with Periodic Matrix Potentials on the Real Line
Dmitri Chelkak and Evgeny Korotyaev
Volume 2006, Article ID 60314, 41 pages

Symplectic Configurations
Świątosław Gal and Jarek Kędra
Volume 2006, Article ID 46530, 35 pages

Exceptional Blowup Solutions to Quasilinear Wave Equations
S. Alinhac
Volume 2006, Article ID 26203, 17 pages

Global Existence of Weak Solutions to the Camassa-Holm Equation
Erik Wahlén
Volume 2006, Article ID 28976, 12 pages

The Algebra of Differential Operators Associated to a Family of Matrix-Valued Orthogonal Polynomials: Five Instructive Examples
Mirta M. Castro and F. Alberto Grunbaum
Volume 2006, Article ID 47602, 33 pages