

## C O N T E N T S

<u>P. Acquistapace - B. Terreni:</u> On Fundamental Solutions for Abstract Parabolic Equations	p. 1
<u>M.L. Bernardi:</u> On Some Singular Nonlinear Evolution Equations	p. 12
<u>R. Carroll:</u> Some Transmutation Methods for Canonical Systems	p. 25
<u>J. Cooper:</u> Scattering Frequencies for Time-Periodic Scattering Problems	p. 37
<u>G. Da Prato - A. Lunardi:</u> Periodic Solutions of Linear Integro-Differential Equations with Infinite Delay in Banach Spaces	p. 49
<u>W. Desch - W. Schappacher:</u> Linearized Stability for Nonlinear Semigroups	p. 61
<u>G. Di Blasio:</u> On a Class of Semilinear Parabolic Equations in $L^1$	p. 74
<u>G. Dore - D. Guidetti:</u> On a Singular Non-Autonomous Equation in Banach Spaces	p. 92
<u>K.-J. Engel - R. Nagel:</u> On the Spectrum of Certain Systems of Linear Evolution Equations	p. 102
<u>J.A. Goldstein - G.R. Rieder:</u> Some Extensions of Thomas - Fermi Theory	p. 110
<u>R. Grimmer - E. Sinestrari:</u> The Extent of Spatial Regularity for Parabolic Integro-Differential Equations	p. 122
<u>P. Grisvard:</u> An Approach to the Singular Solutions of Elliptic Problems via the Theory of Differential Equations in Banach Spaces	p. 131
<u>R. Labbas:</u> A Two Point Problem for a Second Order Abstract Differential Equation	p. 156
<u>I. Lasiecka:</u> "Sharp" Regularity Results for Mixed Hyperbolic Problems of Second Order	p. 160
<u>A. Lunardi:</u> $C^\infty$ Regularity for Fully Nonlinear Abstract Evolution Equations	p. 176
<u>S. Oharu:</u> Semilinear Evolution Equations in Fréchet Spaces	p. 186
<u>M. Povoas:</u> On Some Singular Hyperbolic Evolution Equations in Hilbert Spaces	p. 208
<u>J. Prüss:</u> Periodic Solutions of the Thermostat Problem	p. 216
<u>A. Pugliese:</u> Some Questions on the Integrodifferential Equation	p. 227
$u' = A K * u + B M * u$	

<u>H. Tahara</u> : On Fuchsian Hyperbolic Partial Differential Equations	p. 243
<u>W. von Wahl</u> : Global Solutions to Evolution Equations of Parabolic Type	p. 254
<u>I.I. Vrabie</u> : Compact Perturbations of Weakly Equicontinuous Semigroups	p. 267
<u>M. Watanabe</u> : Cosine Families of Operators and Applications	p. 278
<u>A. Yagi</u> : Regularity of Functions on an Interval with Values in the Space of Fractional Powers of Operators	p. 293