



Evolution Equations: Applications to Physics, Industry, Life Sciences and Economics

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Book Condition: New. Publisher/Verlag: Springer, Basel | EVEQ2000 Conference in Levico Terme (Trento, Italy), October 30 November 4, 2000 | The international conference on which the book is based brought together many of the world's leading experts, with particular effort on the interaction between established scientists and emerging young promising researchers, as well as on the interaction of pure and applied mathematics. All material has been rigorously refereed. The contributions contain much material developed after the conference, continuing research and incorporating additional new results and improvements. In addition, some up-to-date surveys are included. | Preface.- Evolution problems associated to linear growth functionals: the Dirichlet problem.- Time operators associated to dilations of Markov processes.- Boundary-value problems for systems of Hamilton-Jacobi-Bellman inclusions with constraints.- On a convolution-evolution equation in aeroelasticity.- On the effect of small delays to the stability of feedback systems.- Mean square continuity of Ornstein-Uhlenbeck processes in Banach spaces.- Some remarks on maximal regularity of parabolic problems.- A semigroup approach to no-arbitrage pricing theory: constant elasticity variance model and term structure models.- Perturbations of Ornstein-Uhlenbeck operators: an analytic approach.- Towards an L1-theory for vector-valued elliptic boundary value problems.- On moving boundaries in elliptic-parabolic systems.- Spectral mapping theorems and spectral space-independence.-



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