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â€The design of robust approximations to the stochastic differential equations of nonlinear filteringâ€™, in J. K., Skwirzynski (ed.) Communications Systems and Random Process Theory, NATO Advanced Study Institute Series, Alphen aan den Rijn: Sijthoff and Noordhoff, 1978.

Some recent developments in nonlinear filtering theory

Early Developments in Nonlinear Control Derek P. Atherton This article presents a review of some of the early develop- ments in nonlinear control engineering. It begins by briefly examining the status prior to World War II and then concentrates on the developments in approximately the following two dec- ades.

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being used very frequently for the solution of nonlinear initial and boundary value problems of diversified physical nature. Several examples are given to reveal the efficiency and reliability of these relatively new techniques. 2. Exp-function Method Consider the general nonlinear partial differential equation of the type $P u$

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Recent advances in nonlinear passive vibration isolators

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Recent Developments in Weak Convergence Methods for Nonlinear PDE SIAM Short Course Boston, July 9, 2006 Lawrence C. Evans Department of Mathematics

Recent Developments in Weak Convergence Methods for

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Klimontovich's Contributions to the Kinetic Theory of

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new types of structures of higher creep sensitivity, such as nuclear reactor vessels and containers or undersea shells. This article summarizes some of the basic knowledge in this field, with emphasis on recent developments, and including some new results. Basic experimental facts relating to creep and shrinkage are summarized first.

Theory of Creep and Shrinkage in 'Concrete Structures: A

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Nonlinear Dynamics and Chaos in Hydrologic Systems: Recent

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Nonlinear narratives: crossing borders between

CONCLUSION In this paper we have attempted to summarize some of the key recent developments in nonlinear H.. control theory. As we have shown, partial differential equations and inequalities of various types related to the theory of dissipative systems are the fundamental mathematical equations of H.. control.

Recent developments in nonlinear H \hat{a} z control - ScienceDirect

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August 2002 revised: January 2003

Some Recent Developments in Predictive Accuracy Testing

Recent developments of some asymptotic methods and their applications for nonlinear vibration equations in engineering problems: A review Abstract This review features a survey of some recent developments in asymptotic techniques and new developments, which are valid not only for weakly nonlinear equations, but also for strongly ones.

Recent developments of some asymptotic methods and their

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Nonlinear Dynamics, Chaos, Control and Their Applications

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