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 Intelligent Science -- Pattern Structures for Analyzing Complex Data --
 Fuzzy Sets and Rough Sets for Scenario Modelling and Analysis --
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Burst Word Detection Method -- A Comparative Study of Pattern
Matching Algorithms on Sequences -- BPBM: An Algorithm for String
Matching with Wildcards and Length Constraints.

Sommario/riassunto

This book constitutes the refereed proceedings of the 12th International Conference on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing, RSFDGrC 2009, held in Delhi, India in December 2009 in conjunction with the Third International Conference on Pattern Recognition and Machine Intelligence, PReMI 2009. RSFDGrC 2009 is the core component of a broader Rough Set Year in India initiative, RSIndia09. The 56 revised full papers presented together with 6 invited papers and a report on the Rough Set Year in India 2009 project were carefully reviewed and selected from a total of 130 submissions. The papers are organized in topical sections on foundations of rough sets and beyond; rough set algorithms and applications; fuzzy set foundations and applications; data mining and knowledge discovery; clustering and current trends in computing; and information retrieval and text mining.
