Relational Database Behavior: Utilizing Relational Discrete Event Systems and Models (Classic Reprint) (Paperback)

By Z M Kedem

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Relational Database Behavior: Utilizing Relational Discrete Event Systems and Models Behavior of relational databases is studied within the framework of Relational Discrete Event Systems (RDES) and Models (RDEM). Production system and recurrence equation RDEMs were introduced and their expressive powers compared. Non-deterministic behavior was defined for both RDEMs and the expressive power of deterministic and non-deterministic production rule programs was also compared. Both comparisons show that non-determinism increases expressive power of production systems. A formal concept of a production system interpreter was defined, and several specific interpreters were proposed. One interpreter, called parallel deterministic, was shown to be better than others, including the conflict resolution module of OPS5, in many respects. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page,...

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