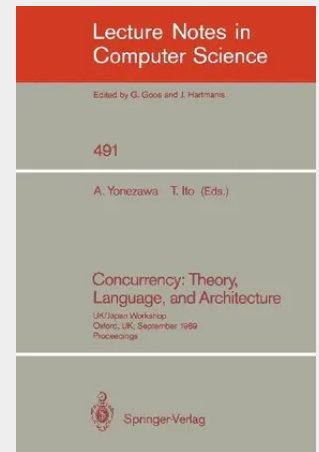


Formal Methods for Open Object-Based Distributed Systems

6th IFIP WG 6.1 International Conference, FMOODS 2003, Paris, France, November 19-21, 2003, Proceedings

This volume contains the proceedings of FMOODS 2003, the 6th IFIP WG 6.1 International Conference on Formal Methods for Open Object-Based Distributed Systems. The conference was held in Paris, France on November 19–21, 2003. The event was the sixth meeting of this conference series, which is held roughly every year and a half, the earlier events having been held in Paris, Canterbury, Florence, Stanford, and Twente. The goal of the FMOODS series of conferences is to bring together researchers whose work encompasses three important and related fields: – formal methods; – distributed systems; – object-based technology. Such a convergence is representative of recent advances in the field of distributed systems, and provides links between several scientific and technological communities, as represented by the conferences FORTE/PSTV, CONCUR, and ECOOP. The objective of FMOODS is to provide an integrated forum for the presentation of research in the above-mentioned fields, and the exchange of ideas and experiences in the topics concerned with the formal methods support for open object-based distributed systems. For the call for papers, aspects of interest of the considered systems included, but were not limited to: formal models; formal techniques for specification, design or analysis; component-based design; verification, testing and validation; semantics of programming, coordination, or modeling languages; type systems for programming, coordination or modelling languages; behavioral typing; multiple viewpoint modelling and consistency between different models; transformations of models; integration of quality of service requirements into formal models; formal models for security; and applications and experience, carefully described.

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