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A NEW ON-LINE DIAGNOSIS PROTOCOL FOR THE SPIDER FAMILY OF BYZANTINE FAULT TOLERANT ARCHITECTURES



A New On-Line Diagnosis Protocol
for the SPIDER Family of Byzantine
Fault Tolerant Architectures

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BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 30 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This paper presents the formal verification of a new protocol for online distributed diagnosis for the SPIDER family of architectures. An instance of the Scalable Processor-Independent Design for Electromagnetic Resilience (SPIDER) architecture consists of a collection of processing elements communicating over a Reliable Optical Bus (ROBUS). The ROBUS is a specialized fault-tolerant device that guarantees Interactive Consistency, Distributed Diagnosis (Group Membership),...

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