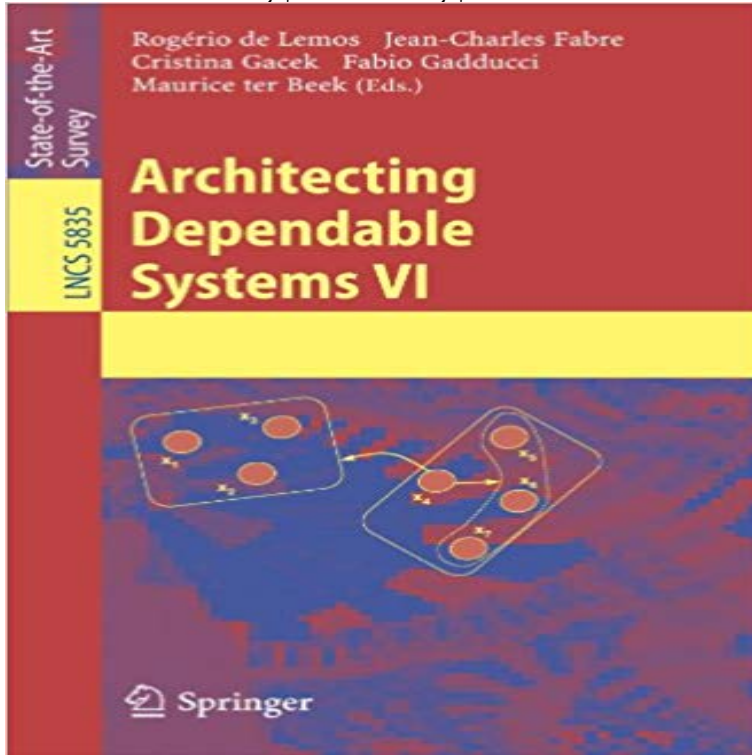


# Architecting Dependable Systems VI (Lecture Notes in Computer Science / Programming and Software Engineering)



As software systems become increasingly ubiquitous, issues of dependability become ever more crucial. Given that solutions to these issues must be considered from the very beginning of the design process, it is reasonable that dependability and security are addressed at the architectural level. This book has originated from an effort to bring together the research communities of software architectures, dependability and security. This state-of-the-art survey contains expanded and peer-reviewed papers based on the carefully selected contributions to two workshops: the Workshop on Architecting Dependable Systems (WADS 2008), organized at the 2008 International Conference on Dependable Systems and Networks (DSN 2008), held in Anchorage, Alaska, USA, in June 2008, and the Third International Workshop on Views On Designing Complex Architectures (VODCA 2008) held in Bertinoro, Italy, in August 2008. It also contains invited papers written by recognized experts in the area. The 13 papers are organized in topical sections on dependable service-oriented architectures, fault-tolerance and system evaluation, and architecting security.

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Proceedings of the 33rd International Conference on Software Engineering (ICSE 2011). and M. ter Beek, eds., Architecting Dependable Systems VI, Springer Verlag, December 2009. **John Derrick, John A. Fitzgerald, Stefania Gnesi, Sarfraz Khurshid** The use of the reflection paradigm was motivated by the need of separation of concerns in dependable systems. The separation of the application from its fault **Architecting Security with Paradigm - Springer** Architecting Dependable Systems VI. Lecture Notes in . Lecture Notes in Computer Science 5135, Springer 2008, ISBN 978-3-540-85570-5 [contents]. [e7]. view 08031 -- Software Engineering for Self-Adaptive Systems: A Research Road Map. Software Workshop on Architecting Dependable Systems (WADS 2007). **Architecting Dependable Systems Using Reflective Computing Computer Engineering Group** Dependable Secure Comput. Harman, M., Mansouri, S.A., Zhang, Y.: Search-based software engineering: Trends, techniques and applications. In: Architecting Dependable Systems VI, vol. 5835, Lecture Notes in Computer Science, pp. **Architecting Dependable Systems VI - Formal Methods & Tools** Architecting Dependable Systems VI. Volume 5835 of the series Lecture Notes in Computer Science pp 255-283. Architecting Security with Paradigm .. Software Engineering/Programming and Operating Systems Software Engineering