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I thank, for their kind permission to reprint text and pictures from several of the papers I have been co-author of, the ACM, ICCSEA, the IEEE, the IET, and Springer Science+Business Media. In particular:

Some text and pictures in Chapter III are from the following articles:

Some text and pictures in Chapter IV are from the following articles:


Some text and pictures in Chapter VI are from the article “Integrating recovery strategies into a primary substation automation system,” by G. Deconinck, V. De Florio, R. Belmans, G. Dondossola, J. Szanto, in the Proc. of the Int. Conf. on Dependable Systems and Networks (DSN-2003), Dependable Computing and Communications Symposium, San Francisco, CA, USA, June 22-25, 2003; pp. 80-85 (IEEE Comp. Soc. Press, Los Alamitos, CA).

Some text and pictures in Chapter IX are from the following articles:

- “A Parallel processing model based on generative communication and recovery languages,” by V. De Florio and G. Deconinck, in Proc. of the 14th Int. Conf. on software & systems Engineering and their Applications (ICCSEA 2001), Paris, France, December 4-6, 2001;

Some text and pictures in Chapter X are from the following articles:

- “Adaptive Data Integrity through Dynamically Redundant Data Structures,” by V. De Florio and C. Blondia, in Proc. of Third International Conference on Availability, Reliability and Security (ARES 2008), Barcelona, Spain, March 4-7, 2008 (IEEE Comp. Soc. Press, Los Alamitos, CA);

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This book is dedicated to my dearest wife and, for the first time, to our son, we are so much dependent on!