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Case Study; 9.1 Arbitration Process; 9.2 Abstraction of the Protocol; 9.3 Solution in Esterel; 10 Semantics of Esterel; 10.1 Semantic Structure; 10.2 Transition Rules; 10.2.1 Rules for Signal Statement; 10.3 Illustrative Examples; 10.4 Discussions; 10.5 Semantics of Esterel with exec

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15.1 A Simple Auto Controller

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## Sommario/riassunto

The primary aim of this monograph is to present the current research efforts that have gone into/or going on in the systematic design of real-time programs. Such an effort would help researchers and users in the area to get a clear picture of the issues of specification, verification and design of real-time reactive programs. It will clearly enable us to identify languages that can be used for different kinds of applications. Obviously, in an upcoming area like this, this presentation is far from complete. The quintessence of the monograph can be captured by the following question: How can

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