Record Nr. UNISA996210786303316 Embedded systems [[electronic resource]]: analysis and modeling with **Titolo** SysML, UML and AADL / / edited by Fabrice Kordon ... [et al.] Pubbl/distr/stampa London, : ISTE, 2013 **ISBN** 1-118-56971-7 1-118-56953-9 1-118-56977-6 Descrizione fisica 1 online resource (316 p.) Collana Electronics engineering series Altri autori (Persone) KordonFabrice Disciplina 006.22 Soggetti Systems engineering SysML (Computer science) UML (Computer science) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. General concepts -- pt. 2. SysML -- pt. 3. MARTE -- pt. 4. AADL. Since the construction of the first embedded system in the 1960's, Sommario/riassunto embedded systems have continued to spread. They provide a continually increasing number of services and are part of our daily life. The development of these systems is a difficult problem which does not yet have a global solution. Another difficulty is that systems are plunged into the real world, which is not discrete (as is generally understood in computing), but has a richness of behaviors which sometimes hinders the formulation of simplifying assumptions due to

their generally autonomous nature and they must face possibly