



Project Management Of Complex And Embedded Systems

Author :Kim H Pries Jon M Quigley / **Category :**Business & Economics / **Total Pages :** 376 pages

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Summary : Free project management of complex and embedded systems pdf download - there are many books on project management and many on embedded systems but few address the project management of embedded products from concept to production project management of complex and embedded systems ensuring product integrity and program quality uses proven project management methods and elements of ieee embedded software development techniques to explain how to deliver a reliable complex system to market this volume begins with a general discussion of project management followed by an examination of the various tools used before a project is underway the book then delves into the specific project stages concept product development process development validation of the product and process and release to production finally post-project stages are explored including failure reporting analysis corrective actions and product support the book draws heavily on information from department of defense sources as well as systems developed by the automotive industry action group general motors chrysler and ford to standardize the approach to designing and developing new products these automotive development and production ideas have universal value particularly the concept of process and design controls the authors use these systems to explain project management techniques that can assist developers of any embedded system the methods explored can be adapted toward mechanical development projects as well the text includes numerous war stories offering concrete solutions to problems that might occur in production tables and illustrative figures are provided to further clarify the material organized sequentially to follow the normal life cycle of a project this book helps project managers identify challenges before they become problems and resolve those issues that cannot be avoided

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