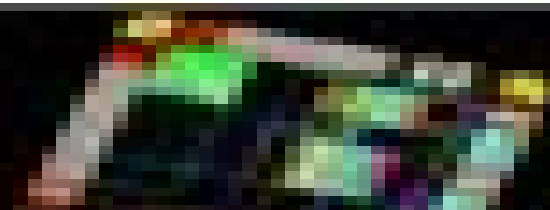


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glimmerings in the 1920s when technicians dismissed it as unfeasible to its highly expensive heyday in the midst of the Cold War when conservative backed government programs struggled to produce an operational flight vehicle Butrica finds a blending of far sighted engineering and heavy handed politics To the first and oldest idea that of the reusable rocket powered single stage to orbit vehicle planners who belonged to what President Eisenhower referred to as the military industrial complex added experimental X aircraft like capabilities and eventually a faster cheaper smaller managerial approach Single Stage to Orbit traces the interplay of technology corporate interest and politics a combination that well served the conservative space agenda and ultimately triumphed not in the realization of inexpensive reliable space transport but in a vision of space militarization and commercialization that would appear settled United States policy in the early twenty first century D M Ashford *Proceedings of the 2016 27th International Symposium on Rapid System Prototyping* ,2016 12th International Workshop on Rapid System Prototyping IEEE Computer Society. Design Automation Technical Committee,2001 The proceedings from the June 2001 conference in Monterey California include 30 papers on hardware case studies reconfiguring computing communications systems distributed prototyping systems modeling model based prototyping efficient evaluation methodologies and tools Keynote addresses on **Advances in Computers** ,1995-09-11 Praise for the SeriesMandatory for academic libraries supporting computer science departments CHOICESince its first volume in 1960 Advances in Computers has presented detailed coverage of innovations in computer hardware software theory design and applications It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow As a result many articles have become standard references that continue to be of significant lasting value in this rapidly expanding field **Trustworthy Systems Through Quantitative Software Engineering** Lawrence Bernstein,C. M. Yuhas,2005-09-19 A benchmark text on software development and quantitative software engineering We all trust software All too frequently this trust is misplaced Larry Bernstein has created and applied quantitative techniques to develop trustworthy software systems He and C M Yuhas have organized this quantitative experience into a book of great value to make software trustworthy for all of us Barry Boehm Trustworthy Systems Through Quantitative Software Engineering proposes a novel reliability driven software engineering approach and discusses human factors in software engineering and how these affect team dynamics This practical approach gives software engineering students and professionals a solid foundation in problem analysis allowing them to meet customers changing needs by tailoring their projects to meet specific challenges and complete projects on schedule and within budget Specifically it helps developers identify customer requirements develop software designs manage a software development team and evaluate software products to customer specifications Students learn magic numbers of software engineering rules of thumb that show how to simplify architecture design and implementation Case histories and exercises clearly present successful software engineers experiences and illustrate potential problems results and trade offs Also featuring an accompanying Web

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