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Autore	Petroski Henry
Titolo	To forgive design : understanding failure // Henry Petroski
Pubbl/distr/stampa	Cambridge, Mass., : Belknap Press of Harvard University Press, c2012
ISBN	9780674065437 0674065433 9780674068896 0674068890
Edizione	[1st ed.]
Descrizione fisica	1 online resource (427 p.)
Disciplina	620/.00452
Soggetti	System failures (Engineering) Structural engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- CONTENTS -- PREFACE -- ONE. By Way of Concrete Examples -- TWO. Things Happen -- THREE. Designed to Fail -- FOUR. Mechanics of Failure -- FIVE. A Repeating Problem -- SIX. The Old and the New -- SEVEN. Searching for a Cause -- EIGHT. The Obligation of an Engineer -- NINE. Before, during, and after the Fall -- TEN. Legal Matters -- ELEVEN. Back-Seat Designers -- TWELVE. Houston, You Have a Problem -- THIRTEEN. Without a Leg to Stand On -- FOURTEEN. History and Failure -- Notes -- Illustrations -- Index
Sommario/riassunto	When planes crash, bridges collapse, and automobile gas tanks explode, we are quick to blame poor design. But Henry Petroski says we must look beyond design for causes and corrections. Known for his masterly explanations of engineering successes and failures, Petroski here takes his analysis a step further, to consider the larger context in which accidents occur. In To Forgive Design he surveys some of the most infamous failures of our time, from the 2007 Minneapolis bridge collapse and the toppling of a massive Shanghai apartment building in 2009 to Boston's prolonged Big Dig and the 2010 Gulf oil spill. These avoidable disasters reveal the interdependency of people and machines within systems whose complex behavior was undreamt of by their designers, until it was too late. Petroski shows that even the simplest

technology is embedded in cultural and socioeconomic constraints, complications, and contradictions. Failure to imagine the possibility of failure is the most profound mistake engineers can make. Software developers realized this early on and looked outside their young field, to structural engineering, as they sought a historical perspective to help them identify their own potential mistakes. By explaining the interconnectedness of technology and culture and the dangers that can emerge from complexity, Petroski demonstrates that we would all do well to follow their lead.

2. Record Nr.	UNINA9910300499903321
Autore	Alcaro Riccardo
Titolo	Europe and Iran's Nuclear Crisis : Lead Groups and EU Foreign Policy-Making / / by Riccardo Alcaro
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2018
ISBN	9783319742984 3319742981
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (76 pages)
Collana	Palgrave Studies in European Union Politics, , 2662-5881
Disciplina	327.174
Soggetti	Europe - Politics and government International relations Security, International European Politics Foreign Policy International Security Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book investigates the European involvement in managing the nuclear dispute with Iran, shedding new light on EU foreign policy-making. The author focuses on the peculiar format through which the EU managed Iran's nuclear issue: a 'lead group' consisting of France,

Germany and the UK and the High Representative for EU foreign policy (E3/EU). The experience of the E3/EU lends credibility to the claim that lead groups give EU foreign policy direction and substance. The E3/EU set up a negotiating framework that worked as a de-escalating tool, a catalyst for Security Council unity and a forum for crisis management. They inflicted pain on Iran by adopting a comprehensive sanctions regime, but did so only having secured US commitment to a diplomatic solution. Once the deal was reached, they defended it vigorously. The E3/EU may have been supporting actors, but their achievements were real. .

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