

1. Record Nr.	UNINA9910458840403321
Titolo	Failure analysis of engineering structures : : methodology and case histories [[electronic resource] /] / V. Ramachandran ... [et al.] ; with contributions from T.A. Bhaskaran ... [et al.]
Pubbl/distr/stampa	Materials Park, OH, : ASM International, 2005
ISBN	1-61503-105-7
Descrizione fisica	1 online resource (213 p.)
Altri autori (Persone)	RamachandranV
Disciplina	624.1/71
Soggetti	Structural failures Structural analysis (Engineering) Electronic books.
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 (p. 199) and index.
Nota di contenuto	<p>""Contents""; ""Foreword""; ""Preface""; ""Failure Analysis: Why and for Whom?""; ""Common Causes of Failures""; ""Failure Analysis Methodology""; ""Examination Methods""; ""Advanced Techniques of Failure Analysis""; ""Explosive Sabotage""; ""Forensic Failure Analysis""; ""Failure Analysis and After""; ""Failure of a Throttle End Fitting in an Aircraft""; ""Failure of a Low-Pressure Turbine Rotor (LPTR) Blade""; ""Failure of Bolts in a Radar Antenna System Reflector Joint""; ""Failure of a Main Wheel Bearing Housing Flange in an Aircraft""; ""Failure of an Aircraft Engine Fuel Pump""</p> <p>""Failure of an Adaptor Assembly in an Electronic Pod in an Aircraft""</p> <p>Failure of a Stabilizer Link Rod in an Aircraft""; ""Failure of a Tie-Rod in an Aircraft Towing Tractor""; ""Failure of a Tail Rotor Blade in a Helicopter""; ""Failure of a Wheel Hub in an Aircraft""; ""Failure of a Turbine Blade in an Aircraft Engine""; ""Failure of an Aileron Control Cable in an Aircraft""; ""Failure of a Fuel Pump in an Aircraft""; ""Failure of Center Support Bearings in an Aircraft Engine""; ""Failure of a Torque Sensor Bearing in an Aircraft Engine""</p> <p>""Failure of a Universal Joint in an Undercarriage in an Aircraft""</p> <p>""Failure of Dowel Bolts in an Aircraft Engine""; ""Failure of a Tail Rotor Blade in a Helicopter""; ""Failure of the Body Structure in a Helicopter at the Mixing Unit Attachment""; ""Failure of Elevator Hinge Pins in an</p>

Aircraft"; "Failure of Aircraft Engine Compressor Rotors"; "Failure of a First-Stage Compressor Blade in an Aircraft Engine"; "Failure of Main Undercarriage Struts in an Aircraft"; "Failure of a Quill Shaft"; "Failure of a Cardon Shaft"; "Failure of a Fuel Nozzle in an Aircraft Engine"  
"Failure of a First-Stage Compressor Blade in an Aircraft Engine"  
Failure of Shutter Bolts in a Reaction Control Valve in an Aircraft";  
"Failure of a Second-Stage Compressor Blade in an Aircraft Engine";  
"Failure of a Second-Stage Turbine Blade in an Aircraft Engine";  
"Failure of a High-Pressure Turbine Blade in an Aircraft Engine";  
"Failure of a Compressor Blade in an Aircraft Engine"; "Failure of a Low-Pressure Turbine Rotor (LPTR) Blade"; "Cracking in the Wing Root Fitting in an Aircraft"; "Failure of Quill Shafts in the Accessory Gear Box in an Aircraft Engine"  
"Failure of a Compressor Blade in an Aircraft Engine""Failure of an Aileron Control Cable in an Aircraft"; "Cracking of the Skin in the Main Rotor Blade in a Helicopter"; "Cracking in a Tail Rotor Blade in a Helicopter"; "Failure of a Wing Control Cable in an Aircraft"; "Failure of the Nose Bullet in an Aircraft Engine"; "Failure of Tail Boom Attachments in a Helicopter"; "Cracking of Filter Components in an Aircraft"; "Failure of an LP Turbine Disc in an Aircraft Engine";  
"Failure of a Cooling Fin in an Aircraft Engine"  
"Failure of a Fourth-Stage Compressor Disc in an Aircraft Engine"

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2. Record Nr.	UNINA9910706109503321
Autore	Jensen Robert E.
Titolo	Adhesives: test method, group assignment, and categorization guide for high-loading-rate applications-history and rationale // by Robert Jensen [and three others]
Pubbl/distr/stampa	Aberdeen Proving Ground, MD : , : US Army Research Laboratory, , April 2017
Descrizione fisica	1 online resource (viii, 28 pages) : illustrations
Soggetti	Adhesives
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Apr 2017." "ARL-SR-0371." "ARL-ADHES-QA-001.02 REV 1.0." "Project number R.0010455.2.92"--Report documentation page. Includes bibliographical references (pages 18-25).