

1. Record Nr.	UNINA9910465019403321
Titolo	Advances in collaborative civil aeronautical multidisciplinary design optimization [[electronic resource] /] / edited by Ernst Kessler, Marin D. Guenov
Pubbl/distr/stampa	Reston, Va., : American Institute of Aeronautics and Astronautics, c2010
ISBN	1-60086-727-8 1-60086-726-X 1-61344-045-6
Descrizione fisica	1 online resource (472 p.)
Collana	Progress in astronautics and aeronautics ; ; v. 233
Altri autori (Persone)	KesslerErnst GuenovMarin D
Soggetti	Airplanes - Design and construction Multidisciplinary design optimization Aircraft industry - Europe - Management 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 and index.
Nota di contenuto	Overview / Ernst Kessler and Marin D. Guenov -- MDO at predesign stage / Marin D. Guenov ... [et al.] -- Helicopter predesign strategy : design-to-mass or design-to-cost? / Jos Stevens ... [et al.] -- Aeroelasticity and sizing in a multilevel modeling approach for preliminary design / Wolf R. Kruger ... [et al.] -- Multidisciplinary wing design optimization / Martin Laban and Paul Arendsen -- Meta-modeling and multi-objective optimization in aeronautic MDO / W.J. Vankan, W. Lammen, and R. Maas -- Fuselage structure optimization / Stephane Grihon ... [et al.] -- Pylon multidisciplinary optimization / Stephane Grihon ... [et al.] -- Engine MDO deployed on a two-stage turbine / Roland Parchem ... [et al.] -- Using the virtual-enterprise-collaboration hub for distributed engine optimization / Holger Wenzel ... [et al.] -- Securing virtual-enterprise collaboration / Michel Kamel ... [et al.] -- EDMRF to ensure partners' collaboration for multidisciplinary optimization / Frederic Feru ... [et al.].

