

1. Record Nr.	UNINA9910450140203321
Autore	Gottfried Paul
Titolo	The strange death of Marxism [[electronic resource]] : the European left in the new millennium / / Paul Edward Gottfried
Pubbl/distr/stampa	Columbia, : University of Missouri Press, c2005
ISBN	0-8262-6493-X
Descrizione fisica	1 online resource (167 p.)
Disciplina	320.53/15/094
Soggetti	Communism - Europe Socialism - Europe Electronic books.
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	Introduction -- Postwar communism -- Neomarxism -- The post-Marxist left -- The post-Marxist left as political religion -- Conclusion.
Sommario/riassunto	"Describes a twentieth-century transformation in European leftist and Marxist politics. European Marxism began as an economically focused workers' movement, then became the domain of those desiring cultural transformation of Western Europe. The transformation emphasizes Western European guilt and promotes multiculturalism, feminism, and acceptance of alternative lifestyles condemned by European cultures"-- Provided by publisher.

2. Record Nr.	UNINA9910672441703321
Titolo	Smart Morphing and Sensing for Aeronautical Configurations : Prototypes, Experimental and Numerical Findings from the H2020 N° 723402 SMS EU Project // edited by Marianna Braza, Jean-François Rouchon, George Tzabiras, Franco Auteri, Paweł Flaszynski
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-22580-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (287 pages)
Collana	Notes on Numerical Fluid Mechanics and Multidisciplinary Design, , 1860-0824 ; ; 153
Disciplina	629.1343 629.13432
Soggetti	Fluid mechanics Aerospace engineering Astronautics Automatic control Robotics Automation Engineering Fluid Dynamics Aerospace Technology and Astronautics Control, Robotics, Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Prototypes and electroactive actuators design -- Subsonic regime sRS wing -- Transonic regime tRS wing -- Sensing -- Control law definition -- Experimental study of the aerodynamic performance increase Subsonic regime -- Transonic regime -- Prototype and actuator design -- Sensing multipoint system through Bragg grating -- Control law definition -- Experimental study - characterization of the LS in take-off conditions -- Advanced CFD -- Structural mechanics involving electroactive properties -- Numerical results on the sRS prototype: take-off conditions -- Numerical results on the tRS prototype: cruise conditions -- Numerical results on the LS prototype: take-off and

landing -- Sensitivity analysis through adjoined-based MDO -- Numerical results on the whole aircraft (morphing A320) -- Synthesis on the numerical simulations major outcomes -- sRS control for aerodynamic performance increase -- tRS final experimental evaluation in cruise -- LS final experimental evaluation in take-off and landing -- Synthesis on the final demonstrators.

Sommario/riassunto

This book reports on advanced strategies to design, modeling and testing morphing wings for aeronautical applications. Covering the major outcomes of the multidisciplinary project “Smart Morphing & Sensing” (H2020 N° 723402 SMS), funded by the European Union between 2017 and 2020, it presents a complete set of theories and methods that have been used and developed to integrate novel electroactive actuators and sensors in wings, for the purpose of increasing their aerodynamic efficiency and attenuate vibrations and noise. Topics include: integrated aeroelastic design of morphing wings using high-fidelity computational fluid dynamics and structural mechanics, distributed sensing using a new generation of high-fidelity fiber optics sensors, and controller design by appropriate flight control commands. Further, the book reports on advanced experimental techniques to validate novel actuation and sensing systems on the built prototypes via wind tunnel tests at subsonic (take-off and landing) and transonic (cruise) speeds. All in all, this volume provides readers with extensive and timely information on research and developments of bioinspired aircraft wings. .