1. Record Nr. UNISA996210340103316

Titolo	The Journal of staff development
Pubbl/distr/stampa	[Oxford, Ohio], : National Staff Development Council [Oxford, Ohio], : Learning Forward
Descrizione fisica	1 online resource
Disciplina	374/.973
Soggetti	Adult education - United States Teachers - Training of - United States Adult education Teachers - Training of Periodicals. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed At head of title, winter 1991-fall 2002: JSD.

2.	Record Nr.	UNINA9910958581703321
	Autore	Xiao Chengmo
	Titolo	Yacht modelling and adaptive control / / Chengmo Xiao and Sing Kiong Nguang
	Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
	ISBN	1-61209-860-6
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (xiii, 151 pages) : illustrations
	Collana	Transportation issues, policies and R&D series
	Altri autori (Persone)	NguangSing Kiong
	Disciplina	623.82/023
	Soggetti	Yachts - Design and construction Yachts - Tecnological innovations Stability of ships Motion control devices Automatic pilot (Ships) Steering-gear Global Positioning System
	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	Intro -- YACHT MODELLING AND ADAPTIVECONTROL -- YACHTMODELLINGANDADAPTIVECONTROL -- Contents -- List of Tables -- List of Figures -- Abstract -- Introduction -- 1.1. Introduction to Ship Motion Control Problem -- 1.2. Review on Ship Motion Control Strategies -- 1.3. Yacht Motion Control Problems -- 1.3.1. The Overlooked Study on Yacht Motion Control -- 1.3.2. What Is the Difference of Yacht Motion Control? -- 1.3.3. Why Adaptive Control? -- 1.4. What Is the New Contribution In This Book? -- 1.5. How Is This Book Organized? -- Yacht Mathematic Modelling: Hydrodynamics Analysis -- 2.1. Introduction -- 2.2. The Yacht Motion Coordinate Frame -- 2.3. Derivation of Motion Equations for Marine Vessels -- 2.3.1. A Particular Case of Ship Motion Analysis -- 2.3.2. The More General Case of Ship Motion Analysis -- 2.3.3. Simplification on Ship Motion Equations -- 2.4. Yacht Hydrodynamics Analysis -- 2.5. Disturbances Analysis -- 2.5.1. Wind Disturbance -- 2.5.2. Wave and Current Disturbances -- 2.6. SimulinkTM Implementation of the Chosen 12-metreAmerica's Cup Yacht -- 2.7. Summary -- Yacht

Sommario/riassunto

The autopilot system which integrates the electronic hardware and the control algorithms has become standard use for commercial and military marine vessels, and is becoming essential equipment for smaller marine vessels such as leisure boats and yachts.