

Download free Seakeeping ship behaviour in rough weather (PDF)

an examination of all aspects of the behaviour of ships in rough weather designed as a reference work for those involved in ship building and the design of seagoing vessels the text will also be of interest to sailors and engineers concerned with the action of waves and the sea according to author captain henry h hooyer forces acting on the ship have an effective lever arm with respect to a hypothetical pivot point the forces creating or affecting this pivot point include the ship s motion underwater resistance and momentum the book will be particularly helpful to pilots and ships officers and those whose jobs require a thorough understanding of ship behavior based on a wide range of consultations with maritime organisations the guide was produced by organisational psychologists gs partnership ltd for consortium partners uk maritime and coastguard agency bp shipping teekay marine services and the standard p i club aimed at everyone in the shipping industry the guide explains the fundamental aspects of human behaviour which together constitute what the commercial maritime sector calls the human element it makes clear that the human element is neither peripheral nor optional in the pursuit of a profitable and safe shipping industry the guide clearly shows that managing the human element must take place simultaneously at all levels of the industry analysis of continuing shipping disasters has increasingly implicated the human element the loss of life the impact on company profits and credibility and the vast environmental damage that can result from the loss of even a single vessel remain clear the guide offers insight explanation and advice to help manage the human element more effectively more safely and more profitably load and global response of ships gives an introductory background to naval architecture statistics and strength of materials each subject is treated in detail starting from the first principle the aim of this title was to derive and present the necessary theoretical framework for predicting the extreme loads and the corresponding hull girder stresses that a ship may be subjected to during its operational lifetime although some account is given to reliability analysis the present treatment has to be supplemented with methods for detailed stress evaluation and for structural strength assessment before a complete structural reliability analysis can be carried out the classification societies have issued rules and regulations for a proper structural analysis of a ship and selection of the scantlings previously those rules rather explicitly gave formulae for the thickness of the hull platings the size of the stiffeners etc such empirical rules must necessarily be rather conservative in order to apply to a large variety of ships with the advent of powerful computers the rules have changed today the naval architect can perform the structural analysis using mainly rational methods based on first principles the classification society may then specify proper safety factors against local global failure modes taking into account the consequences of failure and the analysis procedure used a cruder method of analysis then necessitates a larger safety factor therefore the effort made by the experienced naval architect to perform a detailed structural analysis will be returned not just by a rational structural arrangement but also often in lower weight of the ship and thus a higher payload throughout the operational lifetime of the ship this analysis has attempted to make explicit one way in which designers limit the design space by creating rules to which they expect users to adhere it is also an attempt to encourage designers to reconsider the rules of use that they have used in their designs so as to reconceptualise potential usage this can help design behaviour where rule use is not blindly followed by making these rules visible it is possible to expose the limitations of current technology and development design solutions that do not restrict use to the normal case of action rules are useful to designers because they are simplifications of activity rules encode the normal case and these are simplistic representations of work that are in many cases accurate enough for the purpose of design however encoding behaviour in rules has dangers in that they do not encompass the whole range of behaviours that can be performed using examples this title shows that being able to break rules means that people are able to engage in a richer more flexible set of actions and therefore more appropriate to contingency than when they are constrained to a limited range containing original and previously unpublished theoretical and empirical studies consumer behavior in travel and tourism will give professionals professors and researchers in the field up to date insight and information

and findings in the international hospitality business arena a great resource for educators this book is complete with learning objectives concept definitions and even review questions at the end of each chapter from this book readers will understand and learn the needs and preferences of tourists and how to investigate the process of destination and product selection to help provide customers with products and services that will best meet their needs in today s highly competitive business environment understanding travel behavior is imperative to success consumer behavior in travel and tourism brings together several studies in one volume representing the first attempt to explore define analyze and evaluate the consumption of tourist and travel products this guide offers essential research strategies and methods that enables readers to determine the wants and needs of tourists including discussing and evaluating the main factors that affect consumer behavior in travel and tourism such as travel motivation destination choice and the consequent travel behavior exploring the various decision making processes of consumers that leads to consequent destination choices through case study analysis and marketing suggestions determining customer expectations of products through a variety of research techniques in order to find ways of improving satisfaction examining selected research tools such as product positioning and repositioning and using perceptual maps to evaluate the market implications of using qualitative and or quantitative research techniques detecting and analyzing the relative roles individual environmental socioeconomic and demographic factors play in choosing travel destinations full of detailed charts and graphs consumer behavior in travel and tourism illustrates key points to give you a better understanding of important facts and findings in the field organizational behavior in health care was written to assist those who are on the frontline of the industry everyday healthcare managers who must motivate and lead very diverse populations in a constantly changing environment designed for graduate level study this book introduces the reader to the behavioral science literature relevant to the study of individual and group behavior specifically in healthcare organizational settings using an applied focus it provides a clear and concise overview of the essential topics in organizational behavior from the healthcare manager s perspective organizational behavior in health care examines the many aspects of organizational behavior such as individuals perceptions and attitudes diversity communication motivation leadership power stress conflict management negotiation models group dynamics team building and managing organizational change each chapter contains learning objectives summaries case studies or other types of activities such as self assessment exercises or evaluation more than a century and half ago william froude and his son robert 1 2 conducted the first scientifically designed towing tank experiments using scaled ship models traveling in calm water or waves since then advances in mathematics and technology have led to the development of various methods for the assessment of the dynamic behavior of ships yet as we enter the 2nd decade of the 21st century the advent of goal based regulations and the emergence of safe and sustainable shipping standards still confront our ability to understand the fundamentals and assure absolute ship safety in design and operations to instigate renewed interest in the well rehearsed subject of ship dynamics this special issue presents a collection of 12 high quality research contributions with a focus on the prediction and analysis of the dynamic behavior of ships in a stochastic environment the papers presented are co authored by leading subject matter experts from europe the far east and the usa these papers will be of interest to academics practitioners and regulators involved in the progression of ship science technical services and safety standards this first of its kind volume assembles current research on psychosocial issues and behavioral and safety concerns inherent in life and careers at sea focusing mainly on the commercial maritime transport sector it sets out the basic concepts of maritime psychology in the contexts of health and occupational psychology and illustrates more expansive applications across nautical domains a systems perspective and detailed case studies spotlight unique challenges to mariners work performance personal and environmental health and safety it also provides support for psychometric assessment of seafarers and describes emerging uses for the healing properties of the sea and sailing the book is a springboard for continued research and practice development further interaction between psychology and the maritime world and the continued broadening and deepening of the field among the topics covered positive psychology and wellbeing at sea transferring learning across safety critical industries occupational stress in seafarers the psychology of ship architecture and design motion sickness susceptibility and management at sea risk communication

disaster written with clarity and nuance reflecting the vastness of marine experience maritime psychology will be of interest to lecturers researchers and students of occupational and health psychology and maritime science and to social and health scientists and practitioners in these and related fields this book compiles real world case studies on discovering understanding and engineering emergent behaviors in a computational environment across multiple application domains such as wargaming biology iot disaster management and space architecting all the application domains are described through an undercurrent of system of systems sos engineering in conjunction with theoretical foundations required for engineering a modeling and simulation sos capable of displaying valid emergent behavior an excellent read and state of the art in m s of emergent behavior in complex systems dr saurabh mittal department chief scientist the mitre corporation this book is the of its kind to address real world applications of the phenomenon of emergent behavior in real world system of systems it launches from the foundation of theory and basic understanding of the subject of emergent behavior as found in system of systems applications it includes real world examples where emergent behavior is manifested each chapter addresses the following major points which are exploratory in nature the physical results of the presence of emergent behavior the implications for the existence of emergent behavior the manifestation of emergent behavior and methods to either control emergent behavior assuming its effects are negative in nature or capitalize on emergent behavior given its effects are positive in nature these six original essays focus on a potentially important aspect of evolutionary biology the possible causal role of phenotypic behavior in evolution balancing theory with actual or potential empiricism they provide the first full examination of this topic plotkin s opening chapter outlines the conceptual minefields that the contributors attempt to negotiate what is an adequate theory of evolution what is behavior and is it possible to maintain a distinction between behavior and other attributes of the phenotype is all or only a special subset of behavior both a cause and a consequence of evolution and what do the theoretical issues mean in empirical terms he concludes that any attempt to understand the causal role of behavior in evolution requires a more complicated theoretical structure than that of orthodox neodarwinism a conceptualization of behavior as a distinctive set of phenotypic attributes and the accumulation of more data david l hull northwestern university provides an alternative account of the evolutionary process by developing a hierarchy of replicators interactors lineages to replace the traditional one of genes organisms species robert n brandon duke university also posits hierarchy as an appropriate architecture for the theoretical complexity needed to support an examination of the role of behavior in evolution f j odling smee brunei university outlines a theoretical structure to encompass the behavior of phenotypes concentrating on the unrestricted definition of behavior everything that an animal does the remaining chapters are as much concerned with evidence as with theory plotkin concentrates on a restricted definition of behavior behavior that is a product of choosing intelligence reviewing our empirical knowledge of how learning might influence evolution r i m dunbar university college london uses empirical studies of vertebrate social behavior to deal with the question of how the social systems especially of primates might have a causal role in species evolution a bradford book the purpose of the research was to develop measures predictive of officer performance in combat and technical administrative duties for use in early career management decisions and early career counseling and personal career choices two major dimensions of leadership combat and technical managerial were clearly differentiated in the range of functional tasks constituting the simulated combat exercise officer characteristics as measured by the differential officer battery were found to be differentially predictive of officer behavior in situations representative of the two major leadership dimensions a comprehensive text that reviews the methods and technologies that explore emergent behavior in complex systems engineering in multidisciplinary fields in emergent behavior in complex systems engineering the authors present the theoretical considerations and the tools required to enable the study of emergent behaviors in manmade systems information technology is key to today s modern world scientific theories introduced in the last five decades can now be realized with the latest computational infrastructure modeling and simulation along with big data technologies are at the forefront of such exploration and investigation the text offers a number of simulation based methods technologies and approaches that are designed to encourage the reader to incorporate simulation technologies to further their understanding of emergent behavior in complex systems the authors present a resource for those designing developing managing cooperating and

maintaining systems including system of systems the guide is designed to help better detect analyse understand and manage the emergent behaviour inherent in complex systems engineering in order to reap the benefits of innovations and avoid the dangers of unforeseen consequences this vital resource presents coverage of a wide range of simulation technologies explores the subject of emergence through the lens of modeling and simulation m s offers contributions from authors at the forefront of various related disciplines such as philosophy science engineering sociology and economics contains information on the next generation of complex systems engineering written for researchers lecturers and students emergent behavior in complex systems engineering provides an overview of the current discussions on complexity and emergence and shows how systems engineering methods in general and simulation methods in particular can help in gaining new insights in complex systems engineering this book is the first southern african edition of stephen p robbins s organizational behaviour the best selling organisational behaviour textbook worldwide at last there is a lucid well written ob book which covers key issues required in ob teaching but which has a mind of its own students and faculty will recognize this is more than standard fare bill cooke manchester business school ship structures can be extremely large and their structural arrangements are often complex and of a considerable variety local strength of ship structures examines the basic aspects of ship structural analysis and design using mathematical tools with an emphasis on an understanding of the physics of the behaviour of these structures a fundamental understanding of these concepts is essential to use computer based tools effectively in addition to mathematical models reference is made to test data that have been obtained over many years and used to gain insight into ship structural behaviour features provides an introduction to local ship strength problems structural arrangements and the different types of materials used in ship construction examines the fundamentals of engineering mechanics with a particular focus on marine structure problems covers the basics of ship structural analysis and design using mathematical tools first published in 2003 routledge is an imprint of taylor francis an informa company maritime traffic data e g radar data ais data and cctv data provide designers officers on watch and traffic operators with extensive information about the states of ships at present and in history representing a treasure trove for behavior analysis additionally navigation rules and regulations i e knowledge offer valuable prior knowledge about ship manners at sea combining multisource heterogeneous big data and artificial intelligence techniques inspires innovative and important means for the development of mass this reprint collects twelve contributions published in data knowledge driven behavior analysis of maritime autonomous surface ships special issue during 2021 2022 aiming to provide new views on data knowledge driven analytical tools for maritime autonomous surface ships including data driven behavior modeling knowledge driven behavior modeling multisource heterogeneous traffic data fusion risk analysis and management of mass etc behavioral strategy continues to attract increasing research interest within the broader field of strategic management research in behavioral strategy has clear scope for development in tandem with such traditional streams of strategy research that involve economics markets resources and technology the key roles of psychology organizational behavior and behavioral decision making in the theory and practice of strategy have yet to be comprehensively grasped given that strategic thinking and strategic decision making are importantly concerned with human cognition human decisions and human behavior it makes eminent sense to bring some balance in the strategy field by complementing the extant emphasis on the objective economics based view with substantive attention to the subjective individual oriented perspective this calls for more focused inquiries into the role and nature of the individual strategy actors and their cognitions and behaviors in the strategy research enterprise for the purposes of this book series behavioral strategy would be broadly construed as covering all aspects of the role of the strategy maker in the entire strategy field the scholarship relating to behavioral strategy is widely believed to be dispersed in diverse literatures these existing contributions that relate to behavioral strategy within the overall field of strategy has been known and perhaps valued by most scholars all along but were not adequately appreciated or brought together as a coherent sub field or as a distinct perspective of strategy this book series on research in behavioral strategy will cover the essential progress made thus far in this admittedly fragmented literature and elaborate upon fruitful streams of scholarship more importantly the book series will focus on providing a robust and comprehensive forum for the growing scholarship in behavioral strategy

volumes in the series will cover new views of interdisciplinary theoretical frameworks and models dealing with all behavioral aspects significant practical problems of strategy formulation implementation and evaluation and emerging areas of inquiry the series will also include comprehensive empirical studies of selected segments of business economic industrial government and non profit activities with potential for wider application of behavioral strategy through the ongoing release of focused topical titles this book series will seek to disseminate theoretical insights and practical management information that will enable interested professionals to gain a rigorous and comprehensive understanding of the subject of behavioral strategy innovation and behavioral strategy contains contributions by leading scholars in the field of innovation with an interest in researching behavioral perspectives the 9 chapters in this volume deal with a number of significant issues relating broadly to the behavioral aspects of innovation covering topics such as emotional climate for catalyzing innovation leadership in open innovation environmental disruptions collaborative communities performance of small scale entrepreneurs supply chain innovation alliances new partner selection for innovation cooperation in networks and public private innovation alliances the chapters include empirical as well as conceptual treatments of the selected topics and collectively present a wide ranging review of the noteworthy research perspectives on innovation and behavioral strategy shaun d cain the journal of experimental biology book jacket the book begins with a treatment of the role of science and the nature of theory and research a discussion of the early origins and history of organizational behavior follows this is the most comprehensive coverage of how organizational behavior emerged and grew it presents and evaluates the first generation theorists whose work began during the first 20 years the subject matter covered is motivation leadership and organizational decision making the institutional culture of organizational behavior is discussed and a vision for the future of the field is stated here the early history and the evidence from the theories are brought together in an effort to assess the identity of organizational behavior and where it might be headed

Seakeeping 1998

an examination of all aspects of the behaviour of ships in rough weather designed as a reference work for those involved in ship building and the design of seagoing vessels the text will also be of interest to sailors and engineers concerned with the action of waves and the sea

Seakeeping 1989-01-01

according to author captain henry h hooyer forces acting on the ship have an effective lever arm with respect to a hypothetical pivot point the forces creating or affecting this pivot point include the ship's motion underwater resistance and momentum the book will be particularly helpful to pilots and ships officers and those whose jobs require a thorough understanding of ship behavior

Port Approach Design 1975

based on a wide range of consultations with maritime organisations the guide was produced by organisational psychologists gs partnership ltd for consortium partners uk maritime and coastguard agency bp shipping teekay marine services and the standard p i club aimed at everyone in the shipping industry the guide explains the fundamental aspects of human behaviour which together constitute what the commercial maritime sector calls the human element it makes clear that the human element is neither peripheral nor optional in the pursuit of a profitable and safe shipping industry the guide clearly shows that managing the human element must take place simultaneously at all levels of the industry analysis of continuing shipping disasters has increasingly implicated the human element the loss of life the impact on company profits and credibility and the vast environmental damage that can result from the loss of even a single vessel remain clear the guide offers insight explanation and advice to help manage the human element more effectively more safely and more profitably

Behavior and Handling of Ships 1994

load and global response of ships gives an introductory background to naval architecture statistics and strength of materials each subject is treated in detail starting from the first principle the aim of this title was to derive and present the necessary theoretical framework for predicting the extreme loads and the corresponding hull girder stresses that a ship may be subjected to during its operational lifetime although some account is given to reliability analysis the present treatment has to be supplemented with methods for detailed stress evaluation and for structural strength assessment before a complete structural reliability analysis can be carried out the classification societies have issued rules and regulations for a proper structural analysis of a ship and selection of the scantlings previously those rules rather explicitly gave formulae for the thickness of the hull platings the size of the stiffeners etc such empirical rules must necessarily be rather conservative in order to apply to a large variety of ships with the advent of powerful computers the rules have changed today the naval architect can perform the structural analysis using mainly rational methods based on first principles the classification society may then specify proper safety factors against local global failure modes taking into account the consequences of failure and the analysis procedure used a cruder method of analysis then necessitates a larger safety factor therefore the effort made by the experienced naval architect to perform a detailed structural analysis will be returned not just by a rational structural arrangement but also often in lower weight of the ship and thus a higher payload throughout the operational lifetime of the ship this analysis has attempted to make explicit one way in which designers limit the design space by creating rules to which they expect users to adhere it is also an attempt to encourage designers to reconsider the rules of use that they have used in their designs so as to reconceptualise potential usage this can help design behaviour where rule use is not blindly followed by making these rules visible it is possible to expose the limitations of current technology and development design solutions that do not restrict use to the normal case of action rules are useful to designers because they are simplifications of activity rules encode the normal case and these are simplistic representations of work that are in many cases

accurate enough for the purpose of design however encoding behaviour in rules has dangers in that they do not encompass the whole range of behaviours that can be performed using examples this title shows that being able to break rules means that people are able to engage in a richer more flexible set of actions and therefore more appropriate to contingency than when they are constrained to a limited range

Port Approach Design: a Survey of Ship Behaviour Studies 1975

containing original and previously unpublished theoretical and empirical studies consumer behavior in travel and tourism will give professionals professors and researchers in the field up to date insight and information on trends happenings and findings in the international hospitality business arena a great resource for educators this book is complete with learning objectives concept definitions and even review questions at the end of each chapter from this book readers will understand and learn the needs and preferences of tourists and how to investigate the process of destination and product selection to help provide customers with products and services that will best meet their needs in today s highly competitive business environment understanding travel behavior is imperative to success consumer behavior in travel and tourism brings together several studies in one volume representing the first attempt to explore define analyze and evaluate the consumption of tourist and travel products this guide offers essential research strategies and methods that enables readers to determine the wants and needs of tourists including discussing and evaluating the main factors that affect consumer behavior in travel and tourism such as travel motivation destination choice and the consequent travel behavior exploring the various decision making processes of consumers that leads to consequent destination choices through case study analysis and marketing suggestions determining customer expectations of products through a variety of research techniques in order to find ways of improving satisfaction examining selected research tools such as product positioning and repositioning and using perceptual maps to evaluate the market implications of using qualitative and or quantitative research techniques detecting and analyzing the relative roles individual environmental socioeconomic and demographic factors play in choosing travel destinations full of detailed charts and graphs consumer behavior in travel and tourism illustrates key points to give you a better understanding of important facts and findings in the field

Behavior and Handling of Ships 1983

organizational behavior in health care was written to assist those who are on the frontline of the industry everyday healthcare managers who must motivate and lead very diverse populations in a constantly changing environment designed for graduate level study this book introduces the reader to the behavioral science literature relevant to the study of individual and group behavior specifically in healthcare organizational settings using an applied focus it provides a clear and concise overview of the essential topics in organizational behavior from the healthcare manager s perspective organizational behavior in health care examines the many aspects of organizational behavior such as individuals perceptions and attitudes diversity communication motivation leadership power stress conflict management negotiation models group dynamics team building and managing organizational change each chapter contains learning objectives summaries case studies or other types of activities such as self assessment exercises or evaluation

Behavior of Ships in Waves 1962

more than a century and half ago william froude and his son robert 1 2 conducted the first scientifically designed towing tank experiments using scaled ship models traveling in calm water or waves since then advances in mathematics and technology have led to the development of various methods for the assessment of the dynamic behavior of ships yet as we enter the 2nd decade of the 21st century the advent of goal based regulations and the emergence of safe and

sustainable shipping standards still confront our ability to understand the fundamentals and assure absolute ship safety in design and operations to instigate renewed interest in the well rehearsed subject of ship dynamics this special issue presents a collection of 12 high quality research contributions with a focus on the prediction and analysis of the dynamic behavior of ships in a stochastic environment the papers presented are co authored by leading subject matter experts from europe the far east and the usa these papers will be of interest to academics practitioners and regulators involved in the progression of ship science technical services and safety standards

Behaviour of Ships in Waves 1962

this first of its kind volume assembles current research on psychosocial issues and behavioral and safety concerns inherent in life and careers at sea focusing mainly on the commercial maritime transport sector it sets out the basic concepts of maritime psychology in the contexts of health and occupational psychology and illustrates more expansive applications across nautical domains a systems perspective and detailed case studies spotlight unique challenges to mariners work performance personal and environmental health and safety it also provides support for psychometric assessment of seafarers and describes emerging uses for the healing properties of the sea and sailing the book is a springboard for continued research and practice development further interaction between psychology and the maritime world and the continued broadening and deepening of the field among the topics covered positive psychology and wellbeing at sea transferring learning across safety critical industries occupational stress in seafarers the psychology of ship architecture and design motion sickness susceptibility and management at sea risk communication during a maritime disaster written with clarity and nuance reflecting the vastness of marine experience maritime psychology will be of interest to lecturers researchers and students of occupational and health psychology and maritime science and to social and health scientists and practitioners in these and related fields

The Human Element 2010-04-29

this book compiles real world case studies on discovering understanding and engineering emergent behaviors in a computational environment across multiple application domains such as wargaming biology iot disaster management and space architecting all the application domains are described through an undercurrent of system of systems sos engineering in conjunction with theoretical foundations required for engineering a modeling and simulation sos capable of displaying valid emergent behavior an excellent read and state of the art in m s of emergent behavior in complex systems dr saurabh mittal department chief scientist the mitre corporation this book is the of its kind to address real world applications of the phenomenon of emergent behavior in real world system of systems it launches from the foundation of theory and basic understanding of the subject of emergent behavior as found in system of systems applications it includes real world examples where emergent behavior is manifested each chapter addresses the following major points which are exploratory in nature the physical results of the presence of emergent behavior the implications for the existence of emergent behavior the manifestation of emergent behavior and methods to either control emergent behavior assuming its effects are negative in nature or capitalize on emergent behavior given its effects are positive in nature

Behavior of Ships in Waves 1968-06-15

these six original essays focus on a potentially important aspect of evolutionary biology the possible causal role of phenotypic behavior in evolution balancing theory with actual or potential empiricism they provide the first full examination of this topic plotkin s opening chapter outlines the conceptual minefields that the contributors attempt to negotiate what is an adequate theory of evolution what is behavior and is it possible to maintain a distinction between behavior and other attributes of the phenotype is all or only a special subset of behavior both a cause and a consequence of evolution and what do the theoretical issues mean in empirical terms he concludes that any attempt to understand the causal role of behavior in evolution requires a

more complicated theoretical structure than that of orthodox neodarwinism a conceptualization of behavior as a distinctive set of phenotypic attributes and the accumulation of more data david l hull northwestern university provides an alternative account of the evolutionary process by developing a hierarchy of replicators interactors lineages to replace the traditional one of genes organisms species robert n brandon duke university also posits hierarchy as an appropriate architecture for the theoretical complexity needed to support an examination of the role of behavior in evolution f j odling smee brunei university outlines a theoretical structure to encompass the behavior of phenotypes concentrating on the unrestricted definition of behavior everything that an animal does the remaining chapters are as much concerned with evidence as with theory plotkin concentrates on a restricted definition of behavior behavior that is a product of choosing intelligence reviewing our empirical knowledge of how learning might influence evolution r i m dunbar university college london uses empirical studies of vertebrate social behavior to deal with the question of how the social systems especially of primates might have a causal role in species evolution a bradford book

Ships and Marine Engines: Resistance, propulsion and steering of ships, [pt.] C. Behavior of ships in waves by G. Vossers 1962

the purpose of the research was to develop measures predictive of officer performance in combat and technical administrative duties for use in early career management decisions and early career counseling and personal career choices two major dimensions of leadership combat and technical managerial were clearly differentiated in the range of functional tasks constituting the simulated combat exercise officer characteristics as measured by the differential officer battery were found to be differentially predictive of officer behavior in situations representative of the two major leadership dimensions

Load and Global Response of Ships 2001-08-08

a comprehensive text that reviews the methods and technologies that explore emergent behavior in complex systems engineering in multidisciplinary fields in emergent behavior in complex systems engineering the authors present the theoretical considerations and the tools required to enable the study of emergent behaviors in manmade systems information technology is key to today's modern world scientific theories introduced in the last five decades can now be realized with the latest computational infrastructure modeling and simulation along with big data technologies are at the forefront of such exploration and investigation the text offers a number of simulation based methods technologies and approaches that are designed to encourage the reader to incorporate simulation technologies to further their understanding of emergent behavior in complex systems the authors present a resource for those designing developing managing operating and maintaining systems including system of systems the guide is designed to help better detect analyse understand and manage the emergent behaviour inherent in complex systems engineering in order to reap the benefits of innovations and avoid the dangers of unforeseen consequences this vital resource presents coverage of a wide range of simulation technologies explores the subject of emergence through the lens of modeling and simulation m s offers contributions from authors at the forefront of various related disciplines such as philosophy science engineering sociology and economics contains information on the next generation of complex systems engineering written for researchers lecturers and students emergent behavior in complex systems engineering provides an overview of the current discussions on complexity and emergence and shows how systems engineering methods in general and simulation methods in particular can help in gaining new insights in complex systems engineering

Consumer Behavior in Travel and Tourism 2012-10-12

this book is the first southern african edition of stephen p robbins s organizational behaviour the best selling organisational behaviour textbook worldwide

Organizational Behavior in Health Care 2011

at last there is a lucid well written ob book which covers key issues required in ob teaching but which has a mind of its own students and faculty will recognize this is more than standard fare bill cooke manchester business school

A Treatise on the Stability of Ships 1885

ship structures can be extremely large and their structural arrangements are often complex and of a considerable variety local strength of ship structures examines the basic aspects of ship structural analysis and design using mathematical tools with an emphasis on an understanding of the physics of the behaviour of these structures a fundamental understanding of these concepts is essential to use computer based tools effectively in addition to mathematical models reference is made to test data that have been obtained over many years and used to gain insight into ship structural behaviour features provides an introduction to local ship strength problems structural arrangements and the different types of materials used in ship construction examines the fundamentals of engineering mechanics with a particular focus on marine structure problems covers the basics of ship structural analysis and design using mathematical tools

Our War-ships 1886

first published in 2003 routledge is an imprint of taylor francis an informa company

Journal of the Royal United Service Institution 1874

maritime traffic data e g radar data ais data and cctv data provide designers officers on watch and traffic operators with extensive information about the states of ships at present and in history representing a treasure trove for behavior analysis additionally navigation rules and regulations i e knowledge offer valuable prior knowledge about ship manners at sea combining multisource heterogeneous big data and artificial intelligence techniques inspires innovative and important means for the development of mass this reprint collects twelve contributions published in data knowledge driven behavior analysis of maritime autonomous surface ships special issue during 2021 2022 aiming to provide new views on data knowledge driven analytical tools for maritime autonomous surface ships including data driven behavior modeling knowledge driven behavior modeling multisource heterogeneous traffic data fusion risk analysis and management of mass etc

Ship Dynamics for Performance Based Design and Risk Averse Operations 2021-04-07

behavioral strategy continues to attract increasing research interest within the broader field of strategic management research in behavioral strategy has clear scope for development in tandem with such traditional streams of strategy research that involve economics markets resources and technology the key roles of psychology organizational behavior and behavioral decision making in the theory and practice of strategy have yet to be comprehensively grasped given that strategic thinking and strategic decision making are importantly concerned with human cognition human decisions and human behavior it makes eminent sense to bring some balance in the strategy field by complementing the extant emphasis on the objective economics based view with substantive attention to the subjective individual oriented perspective this calls for more focused inquiries into the role and nature of the individual strategy actors and their cognitions and behaviors in the strategy research enterprise for the purposes of this book series behavioral strategy would be broadly construed as covering all aspects of the role of the strategy maker in the entire strategy field the scholarship relating to behavioral strategy is widely believed to be dispersed in diverse literatures these existing contributions that relate to

behavioral strategy within the overall field of strategy has been known and perhaps valued by most scholars all along but were not adequately appreciated or brought together as a coherent sub field or as a distinct perspective of strategy this book series on research in behavioral strategy will cover the essential progress made thus far in this admittedly fragmented literature and elaborate upon fruitful streams of scholarship more importantly the book series will focus on providing a robust and comprehensive forum for the growing scholarship in behavioral strategy in particular the volumes in the series will cover new views of interdisciplinary theoretical frameworks and models dealing with all behavioral aspects significant practical problems of strategy formulation implementation and evaluation and emerging areas of inquiry the series will also include comprehensive empirical studies of selected segments of business economic industrial government and non profit activities with potential for wider application of behavioral strategy through the ongoing release of focused topical titles this book series will seek to disseminate theoretical insights and practical management information that will enable interested professionals to gain a rigorous and comprehensive understanding of the subject of behavioral strategy innovation and behavioral strategy contains contributions by leading scholars in the field of innovation with an interest in researching behavioral perspectives the 9 chapters in this volume deal with a number of significant issues relating broadly to the behavioral aspects of innovation covering topics such as emotional climate for catalyzing innovation leadership in open innovation environmental disruptions collaborative communities performance of small scale entrepreneurs supply chain innovation alliances new partner selection for innovation cooperation in networks and public private innovation alliances the chapters include empirical as well as conceptual treatments of the selected topics and collectively present a wide ranging review of the noteworthy research perspectives on innovation and behavioral strategy

Naval Science 1872

shaun d cain the journal of experimental biology book jacket

Maritime Psychology 2017-01-21

the book begins with a treatment of the role of science and the nature of theory and research a discussion of the early origins and history of organizational behavior follows this is the most comprehensive coverage of how organizational behavior emerged and grew it presents and evaluates the first generation theorists whose work began during the first 20 years the subject matter covered is motivation leadership and organizational decision making the institutional culture of organizational behavior is discussed and a vision for the future of the field is stated here the early history and the evidence from the theories are brought together in an effort to assess the identity of organizational behavior and where it might be headed

***Emergent Behavior in System of Systems Engineering* 2022-08-05**

The Role of Behavior in Evolution 1988

Prediction of Officer Behavior in a Simulated Combat Situation 1974

Organizational Citizenship Behaviour (OCB) in India 1878

Engineering 2018

Passenger Ship Crisis Management and Human Behaviour Training 2018-04-03

Emergent Behavior in Complex Systems Engineering 2001

Organisational Behaviour 1958

Report - Naval Ship Research and Development Center 2006-01-01

Organizational Behaviour in a Global Context 2024-03-21

Local Strength of Ship Structures 2003

The Social Psychology of Organizational Behavior 2023-05-08

Data/Knowledge-Driven Behaviour Analysis for Maritime Autonomous Surface Ships 2022-12-01

Innovation and Behavioral Strategy 1878

Fraser's Magazine 1878

Fraser's Magazine for Town and Country 2010-05-13

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Organizational Behavior

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