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Maritime Technology and Engineering 5 Volume 2 Carlos Guedes Soares,2021-07-08 This set of two volumes comprises the collection of the papers presented at the 5th International Conference on Maritime Technology and Engineering MARTECH 2020 that was held in Lisbon Portugal from 16 to 19 November 2020 The Conference has evolved from the series of biennial national conferences in Portugal which have become an international event and which reflect the internationalization of the maritime sector and its activities MARTECH 2020 is the fifth of this new series of biennial conferences The set comprises 180 contributions that were reviewed by an International Scientific Committee Volume 2 is dedicated to ship performance and hydrodynamics including CFD maneuvering seakeeping moorings and resistance In addition it includes sections on ship machinery renewable energy fishing and aquaculture coastal structures and waves and currents   Topics in Modal Analysis II, Volume 8 Randall Allemang,2025-08-07 This eighth volume of eight from the IMAC XXXII Conference brings together contributions to this important area of research and engineering The collection presents early findings and case studies on fundamental and applied aspects of Structural Dynamics including papers on Linear Systems Substructure Modelling Adaptive Structures Experimental Techniques Analytical Methods Damage Detection Damping of Materials Members Modal Parameter Identification Modal Testing Methods System Identification Active Control Modal Parameter Estimation Processing Modal Data   *Bridge Safety, Maintenance, Management, Life-Cycle, Resilience and Sustainability* Joan Ramon Casas,Dan M. Frangopol,Jose Turmo,2022-06-27 Bridge Safety Maintenance Management Life Cycle Resilience and Sustainability contains lectures and papers presented at the Eleventh International Conference on Bridge Maintenance Safety and Management IABMAS 2022 Barcelona Spain 11 15 July 2022 This e book contains the full papers of 322 contributions presented at IABMAS 2022 including the T Y Lin Lecture 4 Keynote Lectures and 317 technical papers from 36 countries all around the world The contributions deal with the state of the art as well as emerging concepts

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