

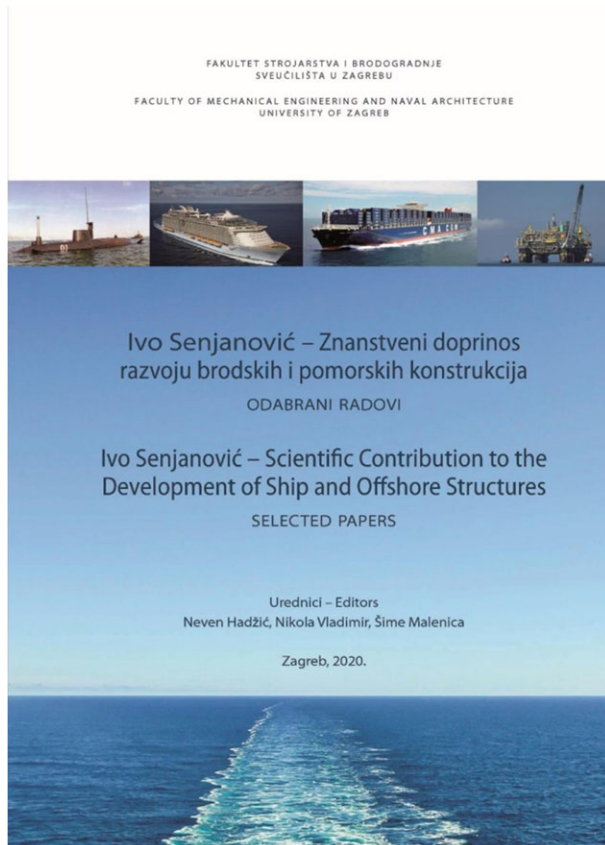
Book presentation

Ivo Senjanović

Scientific Contribution to the Development of Ship and Offshore Structures SELECTED PAPERS

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This bilingual monography was published on the occasion of the eightieth birthday of Professor Ivo Senjanović, Full member of the Academy. Professor Senjanović is a respected scientist and expert in the international academic and engineering communities. His successful career provides us with an insight into the development of Croatian shipbuilding and scientific research in the last fifty years.

The content of the book is divided into three basic chapters. The first chapter presents Professor Senjanović's curriculum vitae, scientific and professional achievements as well as educational and organizational activities. Special attention is paid to the National Lifetime Achievement Award given to Professor Senjanović for his significant scientific and professional contribution to the development of Croatian

shipbuilding. The Award proposal was strongly supported by the Croatian Shipbuilding Corporation, Brodarski institut, Det Norske Veritas, Bureau Veritas, Germanischer Lloyd, and the Royal Institution of Naval Architects.

The second chapter contains reprints of 45 professional, scientific and popular academic papers selected from among more than 300 papers. Given the wide spectrum of problems in the field of ship structure theory, the papers are grouped into topics ranging from popular academic papers on the Croatian shipbuilding industry and the structural analysis and hydroelasticity of ship and offshore structures related to the vibration of structural elements (beams, plates, shells). The scientific papers were published in prominent international journals of leading publishers and institutions such as Elsevier, Pergamon Press, the Society of Naval Architects and Marine Engineers, the American Society of Mechanical Engineers, Institut Français du Pétrole, the Croatian Academy of Sciences and Arts, Brodarski institut, and others. Licences for the reproduction of the selected articles in printed and electronic forms have been obtained from the publishers as the exclusive owners of the copyright.

The third chapter presents a list of all publications including books, scientific and professional papers, articles in conference proceedings and others. The list was prepared according to the

Croatian Scientific Bibliography database, CROSBI. A list of over 150 co-authors whose names appear in the published publications is provided at the end of the book. The large number of co-authors attests to Professor Senjanović's wide national and international cooperation in the field of scientific research.

Given the value of Professor Senjanović's scientific and professional work, as well as his role in the education of engineers and young scientists, his associates have decided to compile his most important papers as a reminder of a long, successful period of Croatian shipbuilding. We are aware of the fact that the written word is more enduring than the oral transmission of information which fades into oblivion.

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