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VALERY NEKRASOV, PH.D., D.S., PROF

EXPERT

- 1. Dynamics, stability and reliability of ships in rough sea**
- 2. Stochastic theory of ships design**

TEACHING EXPERIENCE

1964-1966: Engineer, 61 Communards Shipyard, 1966-1969: Senior Research Fellow, Laboratory of Ship Seakeeping Qualities, Shipbuilding Department, Nikolayev Shipbuilding Institute, Ukraine.
1969-1990: Assistant Professor, Senior Lecturer, Associate Professor, Department of Ship theory, Nikolayev Shipbuilding Institute, 1991-present: Professor, Department of Ship Theory and Design, Admiral Makarov National University of Shipbuilding.

EDUCATION

Nikolayev Shipbuilding Institute, Department of Naval Architecture, Engineer-Shipbuilder. 1964
Odessa Institute of Sea Transport Engineers, Theory of Ship, Ph.D. 1971
Leningrad Shipbuilding Institute, Theory of ship, D.S. 1991

PROFESSIONAL AND MANAGERIAL EXPERIENCE

2011 - Laureate of Ukraine State Prize in Area of Science and Technique
1991-present: Head of Ship Theory and Design Department, Shipbuilding Institute, Admiral Makarov National University of Shipbuilding, Ukraine.
The stochastic theory of ship design is developed. A new scientific development based on research operations, using of random functions theory, theory reliability and methods of complex system optimization is realized.

1971-1991: Associate Professor, Department of Ship Theory, Nikolayev Shipbuilding Institute, Ukraine.

New scientific direction in theory of ships is developed. Theory of ship technical and nonlocal stability, her reliability under exploitation in rough sea is created.

1969-1971: Assistant Professor, Senior Lecturer, Shipbuilding Department, Nikolayev Shipbuilding Institute, Ukraine.

Theory of ship motion with liquid load in irregular waves on the base of multidimensional marcovian processes is developed.

1966-1969: Senior Research Fellow, Laboratory of Ship Seakeeping Qualities, Shipbuilding Department, Nikolayev Shipbuilding Institute, Ukraine.

Investigation of ship nonlinear motion in rough sea

MOST RECENT SCIENTIFIC PUBLICATIONS

Creation of universal transport ships and underwater vehicles. Monograph. Edited by S.S. Ryzhkov. -Nikolayev, NUOS, 2011. (In Ukrainian)

Nekrasov V.A. Concept of Integrated Assessment of the Efficiency and Reliability of Coast Guard Ships / V.O. Nekrasov, ... // Perspective Trends in the Development of Science: Techniques and Technologies. In 2 books. B.1.: monograph. - Odessa, Kuprienko SV. 2016. (In Ukrainian)