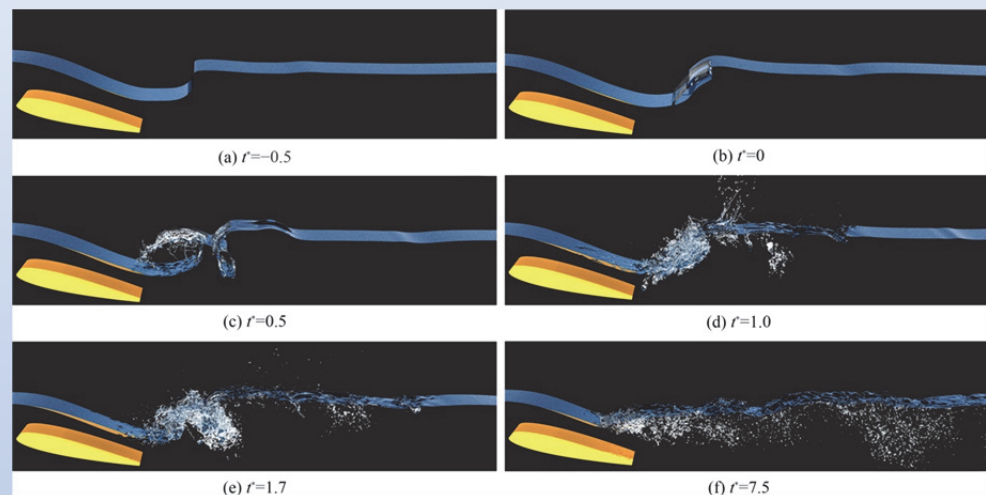


Journal of Hydrodynamics

2025

VOL. 37 NO. 1

Feb.



Numerical simulations of breaking waves generated by a 3-D submerged hydrofoil

Yu-ming Shao, Wen-tao Wang, Geng-lu Zhang, Jian-hua Wang, De-cheng Wan

This study conducts 3-D numerical simulations of breaking waves induced by a NACA0012 hydrofoil at different angles of attack, exploring the mechanisms of free surface breaking, bubble dynamics, air entrainment and vortex structures.



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JOURNAL OF HYDRODYNAMICS

Vol. 37 No. 1 (Bimonthly)

Superintended by China State Shipbuilding Corporation Limited

Sponsored by China Ship Scientific Research Center

Edited by Editorial Board of Journal of Hydrodynamics

189 Gao Xiong Road, Shanghai 200011, China

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E-mail: jhdspringer@vip.163.com

Editor-in-chief Wu Yousheng

Published by Editorial Office of Journal of Hydrodynamics, Shanghai

Printed by Wuxi Securities Printing Co., Ltd

Distributed by Domestic: Shanghai Zhongchuan Editorial and Printing office Ltd. Co., Shanghai
Overseas: Springer Nature Singapore Pte Ltd., 152 Beach Road, #21-01/04 Gateway East, Singapore 189721, Singapore



CN31—1563/T

ISSN 1001-6058



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