

PUBLICATIONS

Resistance and Performance

Kyulevcheliev S., Georgiev S., Experimental Observations of Ship Wavemaking at Trans- and Supercritical Speeds, Proceedings EuroConference on Hydrodynamics and Aerodynamics in Marine Engineering - HADMAR 2001, Varna, Vol. 2, 2001

Kyulevcheliev S., A Tool for SWATH Resistance Prediction and Minimization, Fifth International Conference Black Sea'2000, Varna, November, 2000.

Dekov, D., Kyulevcheliev, S., Stoyanov S., 2000, „Experimental Investigation of SWATH Resistance”, Fifth International Conference Black Sea'2000, Varna.

Kisheva, D., 1991, „Investigation on Energy Saving in the Design and Operation of Push-Trains Carried out at BSHC”, Proceedings of HADMAR International Symposium, Varna.

Kisheva, D., Ivanov T., 1990, „Experimental Investigations of Water Depth Influence on the Resistance of River Passenger Catamaran”, 19th SMSSH, Varna.

Kostov, D., Kyulevcheliev S., 1990, „Semi-Empirical Methods for Resistance Estimation in Hull-Form Design”, 19th ITTC, Proceedings Vol. 2, Madrid.

Kostov, D., Kyulevcheliev S., Sheng Hongcui, Jiang Quinwei, Guo Shenghan, Fen Youzhang, 1991, „Statistical Analysis of Full Ships Resistance”, Proceedings of CADMO'91, Key Biscayne.

Kyulevcheliev, S., Georgiev, S., 2001, „Experimental Observations of the Flow Around the Ship at Trans- and

Supercritical Speeds”, Proceedings of HADMAR'2001 Euro-Conference, Vol. 2, Varna.

Kyulevcheliev, S., 2000, „A Tool for SWATH Resistance Prediction and Minimization”, Fifth International Conference Black Sea'2000, Varna.

Kyulevcheliev, S., 2000, „EXCEL Applications for Powering Performance Calculations”, Proceedings of IMAM'2000, Vol. 3, Naples.

Lazarov, G., Chickolov P., Georgiev S., 1990, „Propulsive Factors of Series 60 in Shallow Water – Comparison Between Calculations and Experiment”, Proceedings of SMSSH'90, Vol.2, BSHC, Varna.

Li Shimo, Chen Keqiang, Yossifov, K., Kischeva, D., 1990, „On Some Aspects of Barge Train Resistance Predictions by Model Tests”, 19th ITTC, Madrid.

Marchal, J., Shen, Y., Kicheva, D., 1996, „An Empirical Formula to Estimate the Resistance of a Convoy in a Restricted Water”, Journal of Ship Research, Varna.

Marchal, J., Shen, Y., Kicheva, D., 1995, „An Empirical Formula to Estimate the Resistance of a Convoy in a Restricted Water”, CABS '95 Conference, Varna.

Minchev, A., 1991, „A Semi-Duct as an Energy Saving Device: Analysis of The Long Term Service Propulsive Performance”, Proceedings of HADMAR'91, Vol. 2, Varna.

Yovev, Y., 1990, „Review on Ship Generated Solitons”, Proceedings of SMSSH'90, Vol.2, BSHC, Varna.

Georgiev S. F., Kyulevcheliev S. N., Flow Around Ships in Shallow Water at Trans- and Supercritical Speeds - Physical Modeling, User Group Meeting on *Fundamental Hydraulic Research for Coastal Areas by Using Large-Scale Facilities of the Hydro-Lab-Cluster North Germany*, Hanover, Germany, 26.- 28. November 2002

Kyulevcheliev S., Dekov D., A Computer Application for Concept Design and Exploration of River-Going Containerships, Sixth International Conference Black Sea'2002, Varna, October, 2002.

Ivanov I. V., Kyulevcheliev S. N., Hydrodynamic Ship-to-Ship Interaction in Confined Waters – Physical Modeling, User Group Meeting on *Fundamental Hydraulic Research for Coastal Areas by Using Large-Scale Facilities of the Hydro-Lab-Cluster North Germany*, Hanover, Germany, 26.- 28. November 2002

Kyulevcheliev S., Ivanov I., Georgiev S., Hydrodynamic Interaction Between Moving and Stationary Ship In A Shallow Canal, Third International Conference on Port Development and Coastal Environment PDCE 2003, Varna, Bulgaria

Georgiev S., Kyulevcheliev S., Ivanov I., Wave Pattern About Ship Moving at Trans-Critical Speeds in a Shallow Water Canal, *Third International Conference on Port Development and Coastal Environment PDCE 2003*, Varna, Bulgaria (in English)

Kyulevcheliev S., Ivanov I., Georgiev S., Hydrodynamic Interaction Between Moving and Stationary Ship In A Shallow Canal, *Third International Conference on Port Development and Coastal Environment PDCE 2003*, Varna, Bulgaria (in English)

Kyulevcheliev S., Georgiev S., Ivanov I., Hydrodynamic Forces on a Ship in Steady Oblique motion in a Shallow Canal, 7th International Conference on Marine Science and Technology – Black Sea 2004, Varna, Bulgaria, October, 2004, Proceedings Vol. 1, ISBN 954-90919-6-1, pp. 123 – 127

Kyulevcheliev S., Estimation of small craft resistance, Proceedings of the Second National Conference on Small Craft, Varna, December, 2004

Kyulevcheliev S., Ship Hull Form Modification for Minimizing the Resistance Using CFD, Proceedings of the 2nd International Congress on Mechanical and Electrical Engineering and Marine Industry, Varna, Bulgaria, October 2005

Kyulevcheliev S., A Procedure for Hydrodynamic Shape Optimization Using RANSE Solver, Proceedings of the 9th Numerical Towing Tank Symposium, 1 – 3 October 2006, Le Croisic, France, Paper No. 14.

Georgiev S., Kyulevcheliev S., Kostov D., Prediction of Nominal Wake by Statistical Analysis of Experimental Data, Proceedings of the 8th International Scientific Conference on Marine Sciences and Technologies – Black Sea 2006, 25 – 27 September 2006, Varna, Bulgaria, Vol. 1., pp. 344 – 348.

Kyulevcheliev S., Numerical Simulation of Store Separation in Water, Jubilee Scientific Session of Vaptzarov Naval Academy, Varna, May 2006 (in Bulgarian)

Georgiev S., Kyulevcheliev S., On Powering Performance Testing of Ships with Azimuth Thruster Propulsion, In *Marine Industry, Ocean Engineering and Coastal Resources*, Ed. C. Guedes Soares, P. N. Kolev, Taylor & Francis Group, London, 2007, Vol. 1 Maritime Transportation, pp. 47 – 54