

Preprints of Domestic Conferences

Onset of MWV in a Rotating Couette System

D. Takada, K. Masumoto, Y. Takeda

Proc. 2003 Meeting of JSFM Vol.22. pp192-193(2003)

Stability of Natural Convection in a Horizontal Layer induced by Internal Heating – Effect of Distribution of Heat Generation –

Y. Tasaka, Y. Takeda

Proc. 2003 Meeting of JSFM Vol.22. pp382-383(2003)

Experiment on Natural Convection in a Horizontal Layer Induced by Internal Heat Generation

Y. Kudoh, Y. Tasaka, K. Yonekura, Y. Takeda

Proc. 2003 Meeting of JSFM Vol.22. pp384-385(2003)

Spatiotemporal Behavior of the Precessing Jet

H. Kitaura, Y. Sugawara, Y. Tasaka, Y. Takeda

Proc. 2003 Meeting of JSFM Vol.22. pp416-417(2003)

A Transition Scheme of a Spatial Structure in the Axisymmetric Sudden Expansion Flow

N. Furuichi, Y. Takeda, M. Kumada

Proc. 81st JSME Fluids Eng. Division Conference, No.1302.pp.31-31(2003)

Multiline Flow Rate Measurement Using Ultrasonic Doppler Method

S. Wada, H. Kikura, M. Aritomi, Y. Takeda, M. Mori

Proc. 81st JSME Fluids Eng. Division Conference, No.1302.pp.32-32(2003)

A New Algorithm for Low Velocity Measurement by UVP

N. Tadada, Y. Takeda, Y. Tasaka

Proc. 81st JSME Fluids Eng. Division Conference, No.1302.pp.33-33(2003)

Sound Speed Measurement of PCM Micro Emulsion Slurry

D. Vuarnoz, Y. Tasaka, Y. Takeda, H. Inaba

Proc. 81st JSME Fluids Eng. Division Conference, No.1302.pp.36-36(2003)

Accurate Measurement of Overflow Coefficient by UDM

N. Kashiwaguma, Y. Takeda, T. Ohkubo, J. Nagao

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Development of Telemetry System with UDM

T. Ohkubo, J. Nagao, Y. Takeda, H. Tezuka, M. Mori

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Transmission Characteristics of Ultrasonic Waves in Fine Particles of Phase-Change Material-Water Slurry

D. Vuarnoz, Y. Tasaka, Y. Takeda, H. Inaba, A. Horibe, N. Haruki

Proc. 24th Japan Sympo. Japan Society of Thermophysical Properties, pp.134-136(2003)

Visualization of Particle Behavior in an Artificially Generated Tornado

Y. Ueno, Y. Murai, F. Yamamoto

Proc. 31st Sympo. Japan Society of Visualization, Vol.23, Suppl.No.1, pp.57-58(2003)

Reynolds Number Dependency of Three-Dimensional Bubble-Bubble Interaction

J. Qu, Y. Murai, F. Yamamoto

Proc. 31st Sympo. Japan Society of Visualization, Vol.23, Suppl.No.1, pp.247-250(2003)

Visualization of Gas-Liquid Two-Phase Flow in Parallel Helical Tubes

M. Ishikawa, K. Sakai, Y. Murai, S. Toda, S. Yoshikawa, F. Yamamoto

Proc. 31st Sympo. Japan Society of Visualization, Vol.23, Suppl.No.1, pp.373-376(2003)

Formulation of Effective Viscosity of Bubbly Liquids by Falling Sphere Method

H.Oiwa, Y.Murai, F.Yamamoto
Proc. JSMF Annual Meeting 2003, pp.9-10(2003)

PIV Measurement of Bubble Motion in Unstable Bubble Plume
W.Cheng, T.Sasaki, Y.Murai, F.Yamamoto
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Flow Characteristics of Two-Phase flow in Alkalic Water Electrolysis
T.Sasaki, N.Nagai, Y.Murai, F.Yamamoto
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Bubble Behavior in Horizontal Turbulent Channel Flow
Y.Oishi, Y.Murai, F.Yamamoto
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Flow Characteristics of Gas-Liquid Two-Phase Flow in Helical Tubes
K.Sakai, Y.Murai, S.Toda, S.Yoshikawa, M.Ishikawa, F.Yamamoto
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Measurement of Effective Viscosity of Bubbly Liquids Using Concentric Cylinders
H.Oiwa, K.Mitta, M.Ishikawa, Y.Murai, F.Yamamoto
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Influence of Wall Inclination Angle for Drag of Wall Sliding Bubbles
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Estimation of Pressure Field Around a Savonius Windmill
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PTV of Near-Wall Bubbles in a Horizontal Channel Flow
Y.Oishi, Y.Murai, M.Ishikawa, F.Yamamoto
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On Modification of Shear Stress in Bubbly Liquids
Y.Murai, H.Oiwa, F.Yamamoto
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Numerical Analysis of Two-Phase Flow Considering Bubble Deformation
M.Shimizu, H.Oiwa, Y.Murai, F.Yamamoto
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Experimental Study on Bubble Behavior Contributing to Frictional Drag Reduction
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Spatio-temporal Measurement of Flow Field Using Ultrasound Doppler Method and its Application

to Flow Structure Analysis

Y. Takeda, G. King

Proc. 53rd Conference of Theoretical & Applied Mechanics, ID5, pp.157-158(2004)

An Analysis of a Flow Structure of a Separated and Reattachment Flow Using Proper Orthogonal Decomposition

N. Furuichi, Y. Takeda, M. Kumada

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Spatio-Temporal Continuation of Discrete Data Obtained by PTV

Y.Murai, Y.Takeda

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Development of flow rate and flow profile measurement using ultrasonic Doppler method (20) Number of Measurement Point and Estimated Error

T. Ohkubo, Y. Takeda, M. Mori, K. Tezuka, H. Tezuka

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