

RECIPIENTS of JSME MEDAL for 1989

For the Development of New Techniques

•Controlled Pendulum Railcars

Hiroatsu ITO	Shikoku Railway Co.
Kanji WAKO	Railway Technical Research Institute
Tetsu SATO	Fuji Heavy Industries, Ltd.
Kiyohiro MATSUDA	Shikoku Railway Co.
Yuji HORIKE	ditto

•Development of Pre-Stroke Control Fuel Injection Pump

Akio ISHIDA	Mitsubishi Motors Corporation
Kimio UYEHARA	ditto
Kazuo ITOH	ditto
Hiroshi ISIWATA	Diesel Kiki Co., Ltd.
Tomio OOSAWA	ditto

•The Development of TV Model Compressor and the Manufacturing Technique

Tsuneo ISHIMARU	Nippondenso Co., Ltd.
Kiyoshi USAMI	ditto
Hideaki SASAYA	Nippon Soken Inc.
Eiichi NAGASAKU	Nippondenso Co., Ltd.
Manabu HONDA	ditto

•Automatic Transmission with Optimum Modulation Control System

Masaru UENOYAMA	Komatsu Ltd.
Yoshio ASAYAMA	ditto
Yasunori OHKURA	ditto
Takao NAGAI	ditto
Kohei KUSAKA	ditto

•Development of High Performance Coal Pulverizer

Takeshi KUNIMOTO	Mitsubishi Heavy Industries, Ltd.
Hironu TAKATSUKA	ditto
Masaaki KINOSHITA	ditto
Hirohisa YOSHIDA	ditto
Akira NOTOMI	ditto

•The Development of High Response and Reliable Ceramic Turbocharger

Fumio NISHIGUCHI	Nissan Motor Co., Ltd.
Takane ITOH	ditto
Tousaku TAKAMURA	ditto
Masato NOGUCHI	ditto

•Development of Hydraulic Coupling Unit for Full-Time FourWheel Drive Vehicles

Takeo HIRAMATSU	Mitsubishi Motors Corporation
Masaru SHIMIZU	ditto
Kenjiro FUJITA	ditto
Yoshimasa NAGAYOSHI	ditto
Reiji USAMI	ditto

For the Best Papers

•"Stress Corrosion Cracking of Nuclear Pressure Vessel Steels in Pressurized High Temperature Waters"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.54, No.502, A(1988), P.1251.

Tetsuo SHOJI, Tohoku Univ., Syuji AIZAWA, Onoda Cement Co., Ltd., and Hideaki TAKAHASHI, Tohoku Univ.

•"Unifying Treatment of Body Force Method and Boundary Element Method (Proposal of a General Method of Numerical Analysis Based on the Principle of Superposition)"

Trans. Jpn. Soc. Mech. Eng., in Japanese," Vol.55, No.510, A(1989), p.285.

Dai-heng CHEN, Kyushu Institute of Technology, and Hironobu NISHITANI, Kyushu Univ.

•"Research on an Extrusion Process with Effective Stick Friction (3rd Report, Forming of a Thin-Walled Cylindrical

Tube)"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.54, No.501, C(1988), p.1150

Tamotsu NAKAMURA, Shizuoka Univ.

•"A Technique of Structural Dynamic Optimization using Resonance and Anti-Resonance Sensitivities"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.54, No.505, C(1988), p.2084.

Akio NAGAMATSU, Itsurou KAJIWARA, Tokyo Institute of Technology, Kazuto SETO, National Defense Academy, and Masaaki OOKUMA, Tokyo Institute of Technology

•"Three-Dimensional Flow Velocimetry Based on Digital Image Processing"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.55, No.510, B(1989), p.404.

Koichi NISHINO, Nobuhide KASAGI, Masaru HIRATA, and Yutaka SATA, Univ. of Tokyo

•"Study on Mist Cooling for Heat Exchangers (3rd Report, Development of High-Performance Mist Cooled Heat Transfer Tubes)"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.54, No.505, B(1988), p.2617.

Yujiro HAYASHI, Akira TAKIMOTO, Kanazawa Univ., Osamu MATSUDA, Ishikawa Technical College, and Takeshi KITAGAWA, Mitsubishi Motors Corp.

•"Evaluation of the Characteristic Features of a Large-Scale Turbulence Field (1st Report, Performance of the Turbulence Generator)"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.53, No.495, B(1987), p.3173.

Hideharu MAKITA, Koji SASSA, Takao IWASAKI, Toyohashi Univ. of Technology, and Akiyoshi IIDA, Hitachi, Ltd.

•"Stabilization by Electromagnetic Damper for Contained Liquid Induced Rotor Vibration"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.53, No.496, C(1987), p.2453.

Osami MATSUSHITA, Michiyuki TAKAGI, Mitsuho YONEYAMA, Ikuhiro SAITOU Hitachi, Ltd., and Akio NAGATA, Masaharu AIZAWA, Hitachi Kouki Co., Ltd.

•"The Effect of an External Magnetic Field on Natural Convection During the Crystal Growth Process from a Melt"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.54, No.505, B(1988), p.2545.

Tetsuo MUNAKATA, Mechanical Engineering Laboratory, Ministry of International Trade and Industry, and Ichiro TANASAWA, Univ. of Tokyo

•"Boundary Element Analysis of Stress Intensity Factors for an Interface Crack in Dissimilar Materials"

Trans. Jpn. Soc. Mech. Eng., "in Japanese," Vol.55, No.510, A(1989), p.340.

Ryoji YUUKI, Univ. of Tokyo, and Sang-Bong, CHO Kyungnam Univ.

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Note 1: The title's initial letter of this News symbolizes the Japanese country which looks like "J".

Note 2: The cartoons of page 1 and 7 are reproduced from the newsletter of Materials and Mechanics Division.