

HEAT TRANSFER BIBLIOGRAPHY

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CHANGE OF PHASE

- TERUKATSU MIYAUCHI and SAKAE YAGI, Nucleate boiling heat-transfer on horizontal flat surface. *Chem. Engng Japan*, **25**, No. 1, 18 (1961).
- KEISHIRO NIU, Flow of condensing vapour with temporary supersaturated state due to heat-removal effect. *J. Phys. Soc. Japan*, **16**, No. 4, 798 (1961).
- TAKASHI SATŌ, ITARU MICHİYOSHI, KIICHIRO TAKEUCHI and KEIGO KONDŌ, Experimental studies of the burn-out under the boiling (1st Report, Transient phenomena to meltdown). *Trans. Japan Soc. Mech. Engrs*, **27**, No. 177, 722 (1961).
- RYOZO TOEI, Drying rate in the surface evaporation period—Consideration on the Ackermann effect. *Chem. Engng Japan*, **25**, No. 1, 65 (1961).
- KINICHI TORIKAI, MASAO HORI and YOSHIHIRO ŌUCHI, The surface boiling burnout in a channel. *J. Atomic Energy Soc. Japan*, **3**, No. 5, 333 (1961).

CONDUCTION

- WEN-JEI YANG, Temperature distributions in plate-fin type heat exchangers. *Trans. Japan Soc. Mech. Engrs*, **27**, No. 177, 730 (1961).

LOW DENSITY HEAT TRANSFER

- T. TSUBOUCHI and S. SATŌ, Heat transfer between single particles and fluids in relative forced convection. *Rep. Inst. Speed Mech., Sendai* (Tohoku Univ.), **12**, 227 (1960/1961).

MEASUREMENT TECHNIQUES

- YUKIHIKO TAKENAKA, Study on radiation pyrometer. *J. Japan Soc. Aero. Space Sci.* **9**, No. 86, 71 (1961).

NATURAL CONVECTION

- T. TSUBOUCHI and S. SATŌ, Heat transfer from fine wires and particles by natural convection. *Rep. Inst. Speed Mech. Sendai* (Tokoku Univ.), **12**, 127 (1960/1961).

RADIATION

- TAKASHI SATŌ, RYŪICHI MATSUMOTO, KAZUSHIGE UEDA and KEIZO ŌHIRA, Radiant heat transfer from luminous flame (1st Report, Theoretical and experimental studies on the uniform-temperature and particle contents). *Trans. Japan Soc. Mech. Engrs*, **27**, No. 177, 713 (1961).
- YASUO YAMASAKI, Calculation of gas radiation from a rectangular parallelepiped gas mass surrounded by transparent gas (3rd Report, Method of calculating heat absorption in boiler furnaces by making use of the area ratio of flame to furnace). *Trans. Japan Soc. Mech. Engrs*, **27**, No. 174, 190 (1961).

TRANSFER MECHANISMS

- TSUTAO ŌTAKE and SETSUJI TONE, Mechanism of heat transfer in solid particle beds. *Chem. Engng Japan*, **25**, No. 1, 56 (1961).

TRANSPIRATION AND MASS TRANSFER

- TOKURO MIZUSHINA and RYUHŌ ITŌ, Analysis of the unsteady state in the thermal diffusion cell. *Chem. Engng Japan*, **25**, No. 1, 34 (1961).
- TADASHI SHIROTSUKA, AKIRA HIRATA, TSUYOSHI MASHIMO and AKIRA MORI, Mass transfer in high velocity compressible fluid. *Chem. Engng Japan*, **25**, No. 1, 50 (1961).
- SATIO SUGIYAMA, KATSUMI NAGASAKA, HIDEO HUKUHARA and TAKAO MIYAZAKI, Thermal decomposition of solid. *Chem. Engng Japan*, **25**, No. 4, 265 (1961).