

Grupa Robocza 212 – Fizyka spawania

- 212-1161-10 Arc effects caused by two co-operating heteropolarity wire electrodes in GMA welding - U. Reisgen, D. Kampffmeyer, O. Mokrov (Germany)
- 212-1162-10 Implementation of a 2T-sheath model for numerical investigations of the influence of metal vapour in GMAW - M. Hertel et al (Germany)
- 212-1163-10 Transient numerical modelling of GMAW processes using experimental data and structures from high-speed images – S. Rose et al (Germany)
- 212-1164-10 Experimental and numerical investigations of the interaction between a plasma arc and a laser – M. Schnick et al (Germany)
- 212-1166-10 Charakterization of arc heat flux in GTAW by using Abel inversion of CCD images – S-J. Na (Korea)
- 212-1167-10 CFD-based analysis of alloy element mixing in laser-arc hybrid welding – S-J. Na (Korea)
- 212-1168-10 Adaptive volumetric heat source models for laser beam and laser+pulsed GMAW hybrid welding processes - G.X. Xu, C.S. Wu, G.L. Qin (China)
- 212-1169-10 Dynamic behavior of metal vapor in arc plasma during TIG welding – M.Tanaka et al (Japan)
- 212-1170-10 A numerical model of GMA welding from engineering view - Y. Tsujimura, M. Tanaka (Japan)
- 212-1174-10 Operation and visualisation of the LaserHybrid Twin welding process - H. Staufer, G. Reinthaler, H. Ennsbrunner (Austria)
- 212-1175-10 Application of switch back welding to MIG thin titanium welding – S.Yamane et al (Japan)
- 212-1179-10 Numerical analysis on heat source characteristics of two-electrodes TIG arc – Y. Ogino, K. Nomura, Y. Hirata (Japan)
- 212-1180-10 Influence of magnet configurations on magnetic controlled TIG arc welding - Y. Ogino et al (Japan)
- 212-1181-10 Characterization of cold lap defects in tandem arc MAG welding – P. Li et al (Sweden)
- 212-1183-10 Introduction of MPS (Moving Particle Semi-implicit) method for welding process simulation – F. Miyasaka et al (Japan)

- 212-1184-10 CO₂ arc welding phenomena with REM added electrode wire - Y.Hirata et al (Japan)
- 212-1185-10 Heat transfer by droplets with the GMAW process -Part I aluminium – G. Huismann (Germany)