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Weld pool edge extraction method based on passive light via coarse localization and component tree model CHEN Dan, LI Jing, HUANG Yuan-yuan, et al. (1574)
Object extraction algorithm based on multi-scale spectral and local spectral	WANG Yong-guo, PENG Guo-hua, WANG Xiao-long, et al. (1577)
Image deblurring based on derivative compressive sensing	FENG Ying-ying, ZHOU Hong-zhi, DENG Ming (1582)
Image registration based on SURF algorithm and SC-RANSAC algorithm	YANG Hai-yan, LUO Wen-chao, LIU Guo-dong (1586)
Laplacian mesh optimization algorithm based on STL file	XU Bin, LI Zhong-ke (1589)
High order smooth implicit surface reconstruction from scattered point cloud	YUAN Hong-xing, WU Shao-qun, ZHU Ren-xiang, et al. (1593)
Noise suppression method for ultrasound strain imaging based on coded excitation	WANG Chun-guang, LIU Wen, LIU Dong-quan (1596)