George Livanos

George Livanos holds a Master and a Bachelor degree from the Technical University of Crete, Department of Electronics and Computer Engineering. His diploma thesis was regarding wavelet analysis for CT and MRI imaging while his master degree one was performed on processing of immunohistochemical images for evaluation of the HER2/neu membrane overexpression. He is currently a PhD candidate at the same department, assistant personnel of the Digital Image and Signal Processing Laboratory (DISPLAY) and is involved in research on image histogram modeling and segmentation for biomedical applications, polarimetric imaging and statistical analysis for measuring material properties, optimization tools and spectrum deconvolution approaches for analyzing spectroscopy data, machine vision and 3D image reconstruction approaches for environmental surveillance and inspection of industrial infrastructure, navigation of Remotely Operated Vehicles via optical recognition, sensor data management tools and platforms. He has been involved in 3 book chapters and 38 paper publications/announcements in international journals and conferences in related areas of image/signal processing, biomedical engineering, 3D reconstruction from stereo and machine vision, chemometrics and spectrum analysis. He is an experienced researcher, having participated in several projects funded by the Greek Ministry of Development, the Greek Ministry of Education, the European Social Fund and the European Union in the above mentioned scientific areas.

1000 characters

George Livanos holds a Master (thesis on evaluating the HER2/neu membrane overexpression in immunohistochemical images) and a Bachelor (thesis on wavelet analysis for CT and MRI imaging) degree from the Technical University of Crete, Department of Electronics and Computer Engineering. He is currently a PhD candidate at the same department and research associate of the Digital Image and Signal Processing Laboratory in related areas of biomedical engineering, spectrum deconvolution approaches, polarimetric imaging and statistical analysis for measuring material properties, machine vision for environmental surveillance, inspection of industrial infrastructure and navigation of Remotely Operated Vehicles, sensor data management tools and platforms. He has been involved in 3 book chapters and 38 paper publications/announcements in international journals and conferences and has participated in several projects funded by the Greek Ministry of Development and the European Union in the above mentioned scientific areas.