A geometric method for the detection and correction of segmentation leaks of anatomical structures in volumetric medical images.

By elsec_admin
Created 9/15/2016
By elsec_admin September 15, 2016


Abstract:

Patient-specific models of anatomical structures and pathologies generated from volumetric medical images play an increasingly central role in many aspects of patient care. A key task in generating these models is the segmentation of anatomical structures and pathologies of interest. Although numerous segmentation methods are available, they often produce erroneous delineations that require time-consuming modifications.

Journal:
International journal of computer assisted radiology and surgery

Volume:
11

Issue:
3

Pagination:
369-80

Date Published:
2016 Mar

Custom 1:

It is now widely accepted that deciphering the enigma of the brain is the most challenging intellectual endeavor of the 21st century, "The Century of the Brain" - Join our quest and become a friend of ELSC.

Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.