

Enabling Technologies for Robot Assisted Ultrasound Tomography: System Setup and Calibration

Published date: Feb. 24, 2017

Technology description

INVENTION NOVELTY

We are proposing a robot-assisted ultrasound tomography system that can offer soft tissue tomographic imaging, and deeper or faster scan of the anatomy. This system consists of a robot-held ultrasound probe which tracks the position of another freehand probe, trying to align with it.

Institution

Johns Hopkins University

Inventors

Iulian Iordachita

Research Professor

Engineering Research Center WSE

Alexis Cheng

Grad Student

Emad Boctor

Assistant Professor

Radiology, SOM

Xiaoyu Guo

PhD Student

Electrical & Computer Eng. WSE

联系我们



叶先生

电话: 021-65679356 手机: 13414935137

邮箱: yeyingsheng@zf-ym.com