

FAKULTÄTSKOLLOQUIUM

Am Montag, dem 29. Juni 2015, spricht um 14:00 Uhr im Raum Z 2086

Prof. Dr. Syoji Kobashi

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zum Thema:

„Fuzzy knowledge representation for
medical image understanding“

Zusammenfassung:

Knowledge is a keystone for medical image segmentation because no computer knows the anatomical information of the human. In this talk, I will introduce a fuzzy object model (FOM), which is an atlas model of specific organ in medical images. It is represented by type-I and type-II fuzzy model. To demonstrate the performance of FOM, I also introduce an automated method for segmenting brain region from neonatal MR images. The method is based on fuzzy connected image segmentation with FOM.

Alle Interessenten sind herzlich eingeladen.

Die Hochschullehrer der Fakultät

Ilmenau, 27.05.2015