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General

ECTS: 5.0

Examiner: Maier Duration: 30 min

protocol

Started

Painting a cloud - said what it is on each topic, but without writing down formulas

Registration

- Stopped and asked for a 3D axis-angle relationship. Draw the picture, write down Rodrigues formula and explain the relationship to the picture.
- What is still missing in the cloud? \rightarrow 3D quaternions. Explained and wrote down the formula (Prot = r * P * rcomplex) until SVD Form was there.

Iterative reconstruction

ART: Drawing plus formula (nT * x = d and p'-p = lambda * n), of all things until iterative form was there.

Pre-processing

Image Intensifier: Undistortion explained with base vectors until SVD Form was there.

Reconstruction

- What do you need Parker Weights for?
- Redundancy Used where?
- Fan Beam Why redundancy? (180 ° + gamma)

MRI - IIH

Explain entropy, how do you get the disorder? \rightarrow Histograms (should then also draw one for high and one for low disorder)

Atmosphere

Very pleasant and relaxed

- Show source code
- Older versions link here

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- last changes
- <u>register</u>
- data protection

search