

Generative Adversarial Networks for Facial Reconstructions

Short description:

Development of a Facial Reconstruction Algorithm with Deep Learning / Generative Adversarial Networks (GANs).

Goal:

This interdisciplinary research project between computer science and medicine targets the development of a reconstruction algorithm for bone defects in the head/facial area. To this end, the capabilities of deep learning algorithms, in particular GANs, should be explored. The project is carried out in cooperation with the Division of Oral and Cranio-Maxillofacial Surgery at the Medical University of Graz.

Keywords: Deep Learning, Generative Adversarial Networks, Facial Reconstructions

Note: Biomedical Engineering Students are also welcome!

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Der Wissenschaftsfonds.

