Stellingen

behorende bij het proefschrift
Automated 3D facial landmarking

Stellingen related to the dissertation

chapter 2, first paper: **1: 2D Gabor wavelets are suitable to solve 3D computer vision problems**

chapter 3, ensemble paper: **2: Sometimes the forest can be better seen for the trees: more and smart features improve landmarking**

chapter 4, clinical paper: **3: Our algorithm is ready for clinical use**

chapter 5, skull landmarking: **4: A good and useful algorithm works on different types of data**

chapter 6, symmetry: **5: An algorithm based on our landmarks can be used to perform symmetry analysis**

*Stellingen **not** related to the dissertation*

6: "You must always remember that the products of your mind can be used by other people either for good or for evil, and that you have a responsibility that they be used for good." Dean Llewellen M. K. Boelter

7: Artificial intelligence has a racial bias problem

8: Deep learning is promising but can be beaten for small training samples

9: We will at some time be able to predict a face only from a DNA sample - or will we not?

10: We will be able to automatically judge a face and tell its owner's gender, ethnic origins and medical baggage and ultimately success in life

Vrije stelling

We should all put a 3D scan of our faces online - it's a visible trait.

Markus de Jong
October 4th, 2019