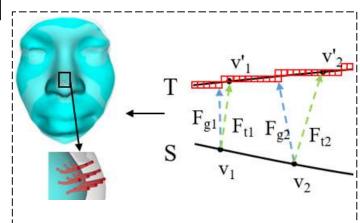# 3D Facial Similarity Measure Based on Deformation Field

Jiajun Ma, Guoyuan Liang, Yu Liang, Xinyu Wu
Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China

- Construct a composite deformation field based on distance transform and correspondence relationship.

- Local similarity and global similarity are calculated based on smooth deformation path.

- The similarity measurement results are in line with the expectation through experiments on the synthetic data and the real data.

The deformation process based on deformation field.