

http://facefield.org/SynthFace.aspx?ukey=20205

FACECLOUD

recognition singling This project detection and narratives. Instead out. joins. reverses face An interactive installation, Face Cloud presents an infinite field of haunting, unique, artificial faces that are generated from a hidden research database of scanned real faces. You, the users may scan your own faces to be added to that database - the vault. The diversity, nuance and complexity of the Face Cloud that draws from it visibly increases with each entry. Spanning subverting algorithms. dimensions. produced 60 the cloud is bv standard face recognition The terms Face Detection and Face Recognition are often used interchangeably but to be precise, Face Detection picks out faces from an image, whereas Recognition image Face takes new of face and matches with one it has previously seen. algorithms multi-dimensional Face Recognition. Our research into visual draws used spaces upon Eigenfaces analysis is a statistical face recognition technique. It uses Principal Component Analysis to calculate a set of Eigenvectors, or Eigenfaces. These Eigenfaces thought can be of as 'face ingredients'. To calibrate the model, we calculated 60 Eigenfaces on a training set of over one thousand faces. Thereafter, whenever a new face is uploaded, it is subjected projection combination subspace that reconstitutes it as а linear of these Eigenfaces. Normally at this point, a face recognition algorithm would look for the closest match in this 60-dimensional Eigenface space. We are not interested in surveiltechnologies 60-dimensional lance but in exploring this field of faces.

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