



TECHNOLOGY

3D Face Modeling From Video

OVERVIEW

Researchers at the University of Maryland have developing techniques for reconstruction three-dimensional (3D) models from a sequence of two-dimensional (2D) images. More particularly their invention is directed to reconstruction 3D models of an object from 2D video sequences taken from the object. The object may be the features of a living object, for example the face of a human being.

The techniques allow for recreating truer images as compared to current technology that generates less true images that tend to be more generic. Specifically the current technologies would find applications for use in identifying subjects entering a high profiled sporting event or other high profile venue.

For more information please contact the Office of Technology Commercialization at 301 405 3947 or by e-mail at otc@umd.edu.

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Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Patent(s) pending

LICENSE STATUS

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CATEGORIES

- Information Technology

EXTERNAL RESOURCES

- [US Patent 7,184,071](#)

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