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Marching triangles

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In computer graphics, the problem of transforming a cloud of points on the surface of a three-dimensional object into a polygon mesh for the object can be solved by a technique called '*marching triangles*. This provides a faster alternative to other methods for the same problem of surface reconstruction, based on Delaunay triangulation. [1][2]

References [edit]

- A. Hilton, AJ Stoddart, et al. Marching Triangles: Range Image Fusion for Complex Object Modeling. Image Processing, vol 1., pp. 381–384. Sep 1996.
- 2. A Bernardini, Mittleman. The Ball-Pivoting Algorithm for Surface Reconstruction, IEEE Transactions of Visualization & Graphics. 1999.

Categories: Geometric algorithms | Triangle geometry

This page was last modified on 30 November 2014, at 00:20.

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