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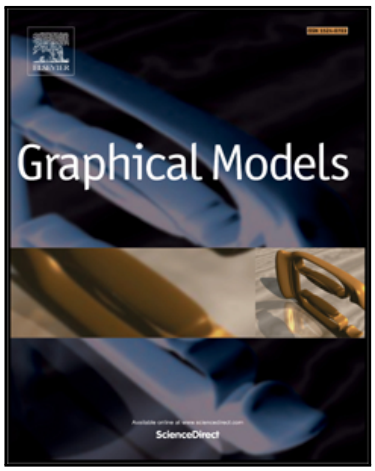

Segmenting a Surface Mesh into Pants Using Morse Theory

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Highlights

- Two Morse theory based algorithms for pants decomposition of a surface mesh are proposed.
- Both of our pants decomposition algorithms run in much less time than the existing state- of-the-art method.
- The algorithms handle surfaces with and without boundaries.
- Our algorithms are robust against noise and other mesh imperfections.

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