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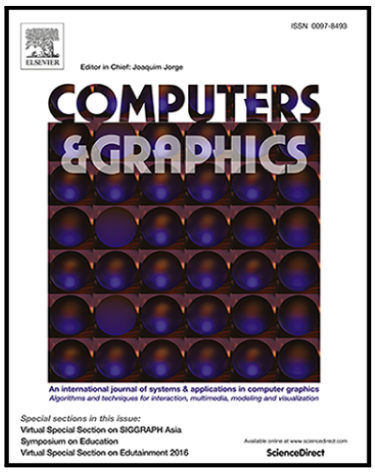

Patterns from Photograph: Reverse-Engineering Developable Products

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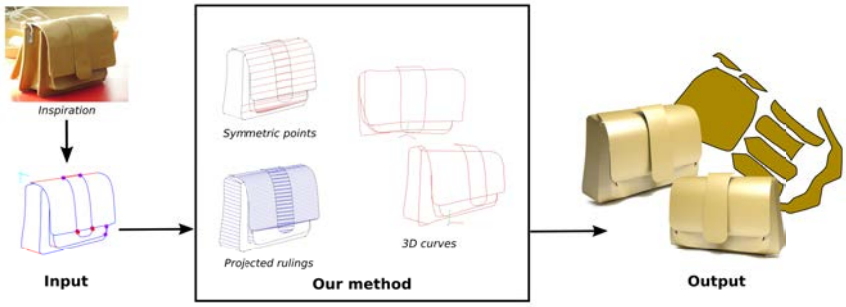
Highlights

- Single view modeling system for symmetrical piecewise developable object
- Inferring the 2D projection of rulings over a developable surface from its silhouette
- 3D lifting of curves representing the shape's boundaries using linear optimization
- New energy term encouraging the developability of the surface



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