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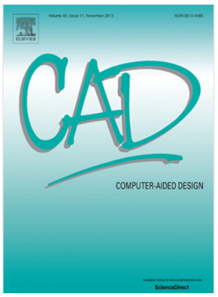

Curvature continuous path planning and path finding based on PH splines with tension

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Highlights

- An automatic two–stage curvature continuous path planning approach is presented.
- The minimal cumulative angle polyline in the visibility graph is identified.
- Interpolation with $C^1 \cap G^2$ PH splines with tension is adopted.
- A new strategy for the automatic selection of the tension parameters is introduced.
- Complex environments possibly described by images are also addressed.

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