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An algebraic framework for computing the topology of offsets to rational curves

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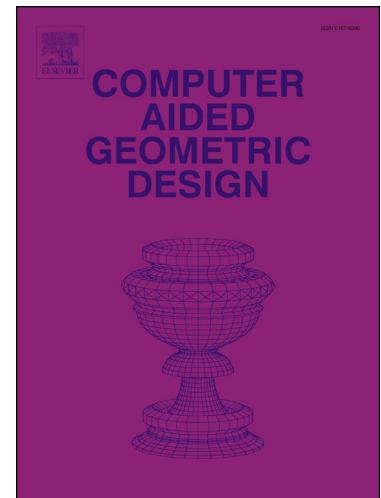
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Highlights

- Symbolic/numerical computing the topology of an offset to a plane rational curve.
- Computing the image of the offset parameterization, not using its implicit equation.
- No connected components are missed.
- Singularities and self-intersections are characterized exactly.

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