



Aesthetic planar Bézier curves

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ABSTRACT

Inspired by the work of Mineur and collaborators, in [1] Farin proposes a method to construct (planar and spatial) Bézier curves of any degree with monotone curvature, which are known as *aesthetic curves*. Since then, several authors have found different conditions to generate such curves. In this talk, we give a general expression for the curvature of curves obtained by Farin's method, and present a unified framework that gives new and old conditions to obtain aesthetic planar Bézier curves.

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References

- [1] Farin, G. "Class A Bézier curves." *Computer Aided Geometric Design Control*, 23 (7) (2006): 573-581.

