

## The locus of generalized Toricelli-Fermat points

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### ABSTRACT.

In this paper, we obtain the locus of generalized Torricelli-Fermat points of a triangle.

### REFERENCES

- [1] Andrica, D. and Bișboacă, N. *Numere complexe. Probleme rezolvate din manualele alternative*, Editura Millenium, Alba Iulia, 2000
- [2] Andrica, D., Duca, D., Purdea, I. and Pop, I., *Matematica de bază*, Editura Studium, Cluj-Napoca, 2001
- [3] Braica, P. and Bud, A., *A generalization of the isogonal point*, *Internat. J. Geom.*, **1** (2012), No. 1, 41–45
- [4] Braica, P. and Pop, O. T., *O extindere a teoremei lui Torricelli*, *Gaz. Mat. (Bucharest)*, **117** (2012), No. 5, 228–231
- [5] Nicolescu, L. and Boskoff, V., *Probleme practice de geometrie*, Editura Tehnică, București, 1990
- [6] Yiu, P., *Some constructions related to the Kiepert hyperbola*, *Forum Geom.*, **6** (2006), 343–357
- [7] Zaslavsky, A. A., *Geometry of Kiepert and Grinberg–Myakisev hyperbolas*, *J. Class. Geom.*, **1** (2012), 65–71

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