

Acknowledgement

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References

1. A. Posamentier and I. Lehmann, *Mathematical curiosities*, Prometheus Books (2014).
2. H. S. Hoffman and S. I. Warshaw, Multifaceted solutions to a remarkable geometry puzzle, *Crux Mathematicorum*, **47**(2) (February 2021).
3. G. Leversha, *The Geometry of the Triangle*, UKMT (2013).
4. V. Thébault, Concerning the Euler line of a triangle, *Amer. Math. Monthly* **54** (1947) pp. 447-453.
5. V. Thébault, O. J. Rammler and R. Goormaghtigh, Problem 4328, *Amer. Math. Monthly* **56** (1949) p. 39; solution **58** (1951) p. 45.

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