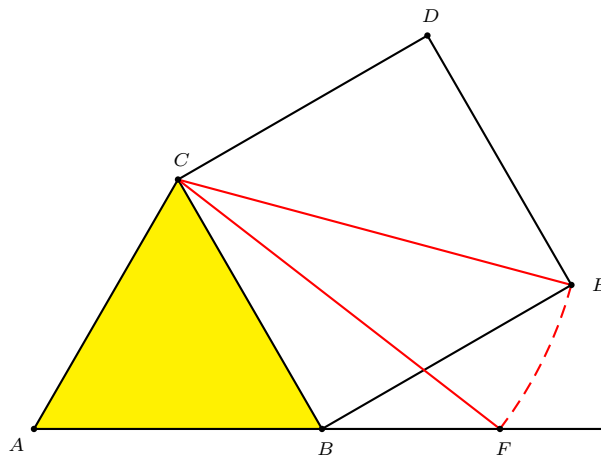


Another Simple Construction of the Golden Section

Michel Bataille

Given an equilateral triangle ABC , erect a square $BCDE$ externally on the side BC . Construct the circle, center C , passing through E , to intersect the line AB at F . Then, B divides AF in the golden ratio.



Reference

- [1] M. Bataille and J. Howard, Problem 3475, *Crux Math.*, 36 (2009) 463, 465; solution, *ibid.*, 37 (2010) 464–465.

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