

ZMATH 2010b.00421

Smyth, M.R.F.

MacCool's proof of Morley's miracle.

Ir. Math. Soc. Bull. 63, 63-66 (2009).

The author presents a new and elementary proof of the celebrated theorem by Morley which states that the trisectors of the angles of any triangle determine an equilateral triangle. Remarkably the proof uses nothing but similarity of triangles.

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Classification: G40 G50

Keywords: Morley's theorem; similar triangles