

A square from similar rectangles

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From dissections to the roots of polynomials

*Here is the test of wisdom,
Wisdom is not finally tested in schools. . .*

Walt Whitman "Song of the Open Road".

19. A rectangle is dissected into several rectangles of side ratio r . Prove that the sides of the initial rectangle are as $P(r) : Q(r)$

$P($ $Q($

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