



Balanced areas in quadrilaterals – Anne’s Theorem and its unknown origin

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Abstract. There are elegant and short ways to prove Anne’s Theorem using analytical geometry. We found also geometrical proofs for one direction of the theorem. We do not know, how Anne came to his theorem and how he proved it (probably not analytically), it would be interesting to know. We give a geometric proof (both directions), mention some possibilities – in more details described in another paper – for using this topic in teaching situations, and mention some phenomena and theorems closely related to Anne’s Theorem.

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