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SOME RESULT ON EXCIRCLE OF QUADRILATERAL

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Abstract

Any quadrilateral not necessarily have excircle, in this paper will discuss necessary and sufficient condition that any quadrilateral having excircle. It also will set the various lengths of the sides are formed from the construction result of excircle. Besides that we can also establish some other excircle and also be specified the length of radii and the relationship of the radii with the presence of excircle.

Keywords and phrases: excircle of quadrilateral, tangential quadrilateral, radii of excircle.

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