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## Pythagorean Parameters and Normal Structure in Banach Spaces

**Authors:** [Hongwei Jiao, Bijun Pang,](#)

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**Abstract:** Recently, Gao introduced some quadratic parameters, such as  $E_\epsilon(X)$  and  $f_\epsilon(X)$ . In this paper, we obtain some sufficient conditions for normal structure in terms of Gao's parameters, improving some known results.



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