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*Jordan ideals and derivations in prime near-rings*

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**Abstract:** In this paper we investigate 3-prime near-rings with derivations satisfying certain differential identities on Jordan ideals, and we provide examples to show that the assumed restrictions cannot be relaxed.

**Keywords:** prime near-rings; Jordan ideals; derivations; commutativity

**AMS Subject Classification:** 16N60, 16W25, 16Y30

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