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Turkish Journal	On ideals of Prime Rings with (σ , τ)- Derivations
of	Q. DENG
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Keywords Authors	<u>Abstract</u> : Let R be a prime ring. Let σ , τ be two homomorphisms and d be a (σ , τ)-derivation of R. The purpose of this paper is to prove two results: (i) If char R \neq 2, U is a non-zero ideal of R, σ is subjective such that σ (U) \neq 0, τ is an automorphism and [d(U), d(U)] _{σ,τ} = 0, then $\sigma^2 = \tau^2$ and $\sigma \tau = \tau \sigma$. (ii) Under
@	the assumptions that either char R = 0 or char R > max {2,n}, U is a non-zero right ideal, and σ , τ are automorphisms of R, suppose $[d(x),x^n]_{\sigma,\tau}$ \subseteq C _{σ,τ} for all x \in U, then $\sigma = \tau$.
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