Title: Derivations in commutators with power central values in rings

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Let R be a prime ring of characteristic different from 2 and I a nonzero ideal of R, d a nonzero derivation of R such that $[d(x^k), x^k]^n$ is central, for all $x \in I$ where k, n are fixed positive integers. Then R satisfies s_4, the standard identity in 4 variables.

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