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sigma, delta constant

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If (σ, δ) is a skew derivation on a ring R, then a (σ, δ)-*constant* is an element q of R such that $\sigma(q) = q$ and $\delta(q) = 0$.

Note: If q is a (σ, δ)-constant, then it follows that $\sigma(q \cdot x) = q \cdot \sigma(x)$ and $\delta(q \cdot x) = q \cdot \delta(x)$ for all x in R.