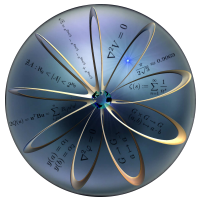

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integrally closed

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A subring R of a commutative ring S is said to be *integrally closed* in S if whenever $\theta \in S$ and θ is integral over R, then $\theta \in R$.

The integral closure of R in S is integrally closed in S.

An integral domain R is said to be *integrally closed* (or) if it is integrally closed in its fraction field.