



irreducible

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| Entry type | Definition |
| Classification | msc 13G05 |
| Related topic | UFD |
| Related topic | DivisibilityInRings |
| Related topic | PID |
| Related topic | IrreduciblePolynomial2 |
| Related topic | IrreducibleIdeal |
| Defines | irreducible element |

Let r be a non-unit of an integral domain D . We say that r is *irreducible* in D , if any factorization $r = ab$ in D requires that a or b is a unit.