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topics on ideals

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Related topic	EntriesOnFinitelyGeneratedIdeals

Below is a list of main concepts in the part of ring theory concerning ideals:

- `http://planetmath.org/Ideal`ideal

- zero ideal

- proper ideal

- ideal of elements with finite order

- modular ideal

- regular ideal

- nil ideal

- nilpotent ideal

- primitive ideal

- primary ideal

- semiprime ideal

- prime ideal, minimal prime ideal

- characterization of prime ideals

- large ideal

- maximal ideal

- maximal ideal is prime

- comaximal ideal

- principal ideal

- `http://planetmath.org/EntriesOnFinitelyGeneratedIdeals`finitely generated ideal

- ideal generated by

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- sum of ideals

- product of ideals

- quotient of ideals

- ideal multiplication laws

- product of finitely generated ideals

- ideal included in union of prime ideals

- ideals contained in a union of ideals

- dense ideals/subsets of a ring

- cancellation ideal

- radical ideal

- fractional ideal of commutative ring

- integral ideal

- invertible ideal

- invertibility of regularly generated ideal

- inverse ideal

- generators of inverse ideal

- ideal generators in Prüfer ring

- ideal inverting in Prüfer ring

- fractional ideal (integral domain)

- image ideal of divisor

- ideals in a Dedekind domain