

# Ordliste for Algebra 2

## Aalborg Universitet

[Lau] Chapter 3:

- Ring: Ring
- Subring: Delring
- Zero divisor: Nuldivisor
- Unit: Enhed
- Quaternions: Kvaternioner
- Field: Legeme
- Subfield: Dellegeme
- Extension field: Udvidelseslegeme
- Domain: Område
- Ideal: Ideal
- Finitely generated ideal: Endeligt frembragt ideal.
- Principal ideal domain: Hovedidealområde.
- Gaussian integers: Gaussiske heltal
- Quotient ring: Kvotientring
- Prime ideal: Primideal
- Maximal ideal: Maksimalideal
- Ring homomorphism: Ringhomomorfi
- Ring isomorphism: Ringisomorfi
- Characteristic of a ring: Karakteristik af ring.
- Binomial form: Binomialformlen
- Frobenius map: Frobenius afbildning.
- Field of fractions: Brøklegemer.
- Equivalence relation: Ækvivalensrelation.
- Divisor: Divisor
- Associated elements: Associerede elementer

- Irreducible: Irreducibelt
- Prime element: Primelement
- Factorization into irreducible elements: Faktorisering i irreducible elementer
- Unique factorization: Entydig faktorisering
- Unique factorization domains: Entydig faktoreringsområder
- Principal ideal domain: Hovedidealområde
- Euclidean domain: Euklidiske ringe