

## LOGIC

*Propositions* - are statements that's true or false

*Tautology/Contradiction* - always true / always false

*Logical Equivalence* - truth values are same for every combination

*Idempotency* - proposition does not change its value when involved in a conjunction

*Associativity* -

*Commutativity* -

*Distributivity* -

*Identity* -

*Domination* -

*Conditional Identities* -

## PROOF

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SET

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*Partitions* -

## FUNCTION

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## BOOLEAN ALGEBRA

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## RELATION & DIGRAPH

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