RYS_DSGT_Lect2_revised

“Some propositions P contain only T in the last column of their truth tables or, in other words, they ”
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“Tautologies and Contradictions • Some propositions P contain only T in the last column of their truth tables or, in other words, they are true for any truth values of their variables. Such propositions are called tautologies. A tautology is a statement that is always true. Examples: • R (R) (P Q) (P) (Q) • If ”
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“If S T is a tautology, we write S T. • If S T is a tautology, we write S ”
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“Tautologies and Contradictions • Some propositions P contain only T in the last column of their truth tables or, in other words, they are true for any truth values of their variables. Such propositions are called tautologies. A tautology is a statement that is always true. Examples: • R (R) (P Q) (P) (Q) • If ”
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“we write S T. • If S T is a tautology, we write S T ”
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“But isnt that equvivalent symbol ”
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“Without Truth Table Using Substitution (by formulas) ”
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“ ”

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“ ”

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