Lecture 3 - Sep. 12

Introduction, Math Review

Model-Based Development Propositional Logic ⇒ : Analogy, Truth Table, Alternative Terms Universal vs. Existential Quantification

Announcements/Reminders

- Priority: Lab1
- Study along with the Math Review lecture notes.



Correct by Construction: Bridge Controller System



Correct by Construction: File Transfer Protocol







Logical Operator vs. Programming Operator

р	q	$p \land q$	$p \lor q$
true	true	true	true
true	false	false	true
false	true	false	true
false	false	false	false

Q. Are the \wedge and \vee operators equivalent to, respectively, && and || in Java?

Implication ≈ Whether a Contract is Honoured







(1) Inverse: 7p ⇒ 2g

Z) Converse Q => P

