

CSE 311: Foundations of Computing I

QuickCheck: Logical Translations (due Thursday, October 5)

Name:

0. The Collapse of Truth Tower

Consider the following truth table:

p	q	r	s	$G(p, q, r, s)$
T	T	T	T	T
T	T	T	F	T
T	T	F	T	F
T	T	F	F	F
T	F	T	T	T
T	F	T	F	F
T	F	F	T	T
T	F	F	F	T
F	T	T	T	T
F	T	T	F	F
F	T	F	T	F
F	T	F	F	T
F	F	T	T	F
F	F	T	F	T
F	F	F	T	T
F	F	F	F	F

Write the DNF and CNF expressions for $G(p, q, r, s)$.

1. One Question!

Please come up with one question related to the course that hasn't been answered yet. It could be about policy, content, instructors, TAs, etc.