

Proof SLE-1

Accepted

Not Accepted

I affirm this work abides by the university's Academic Honesty Policy.

Print Name, then Sign

- First due date **Thursday, September 11**
- Your signature affirms your work abides by the university's Academic Honesty Policy
- Turn in the the final version of your work on a separate sheet of paper with this page stapled in front.
- Do not include scratch work in your submission.
- Follow the Writing Guidelines of the Grading Rubric.
(http://math.ups.edu/~bryans/Current/Fall_2008/290inf_Fall2008.html#tth_sEc5.1)
- Retry: Only use material from the relevant section or earlier.
- Retry: Start over using a new sheet of paper.
- Retry: Restaple with new attempts first and this page on top.

“Mathematics is the language with which God has written the universe” -Galileo Galilei, physicist and astronomer (1564-1642)

SLE-1 (Section TTS)

Suppose a system of linear equations is known to have at least one solution and that the coefficient matrix has a column of zeros. Prove that the system has infinitely many solutions.
