

**Name and Assignment:** \_\_\_\_\_

## Correctness

- (4) All mathematical statements are correct.
- (3) The proof contains some incorrect statements that are not necessarily central to the proposition.
- (2) The proof contains incorrect statements that are central to the proposition.
- (1) The proof makes inadequate progress toward establishing the proposition.

## Rigor

- (4) All nontrivial claims are supported.
- (3) Secondary claims could be further supported.
- (2) Central claims require further support.
- (1) The proof overall requires significant additional support.

## Clarity

- (4) The proof takes a direct route while providing ample guidance to the reader. Mathematical terminology and symbolism is used to convey ideas precisely without obscuring them.
- (3) The proof adequately conveys the logical deduction. The writing could be tighter (e.g., taking a more direct route, using more appropriate terminology and symbolism) or more consideration could be given to the reader (e.g., providing clearer guidance).
- (2) The proof is difficult to follow. Considerable revision is needed to achieve clarity.
- (1) The logical structure of the proof does not or cannot achieve the intended goal. Total revision may be needed.

## Formatting

- (4) Writing makes proper use of theorem and proof environments, equation display and alignment, and mathematical symbols.
- (3) The proof contains minor formatting errors.
- (2) The proof contains major formatting errors.
- (1) The formatting severely detracts from the readability of the proof or was not submitted in  $\LaTeX$ .

**Overall Score:** \_\_\_/16

**Comments**