

Math Review Part II

Problem Set 3: Solutions

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1. Follows from definitions.
2. The correspondence in the picture is
 - 2.1. lower hemicontinuous but not upper hemi-continuous
 - 2.2. upper hemi-continuous but not lower hemi-continuous
 - 2.3. not upper hemicontinuous nor lower hemi-continuous
 - 2.4. continuous (i.e. both upper and lower hemi-continuous)
 - 2.5. a closed graph but not upper hemi-continuous

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