Linear Algebra I Summary of Lectures: Notation Used

Dr Nicholas Sedlmayr

| iff | if and only if |
|---------------|--|
| \Rightarrow | if then |
| | defined as |
| :. | therefore |
| .: | because |
| | |
| | end of proof |
| | |
| \mathbb{R} | set of real numbers |
| \mathbb{C} | set of complex numbers |
| \mathbb{I} | identity matrix |
| | |
| \forall | the universal quantifier, for all |
| \exists | the existential quantifier, there exists |
| | |
| \in | is an element of |
| | is a subset of |