

Module 2-Sets

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Defn: A set is a well-defined group of objects

For each object, I can tell if it's an element or not

ex.

$\overline{M} = \{ \text{music majors at LU} \}$

$\{ \}$ means "set of"

forall $M. \in M$

"is an element of"

ex.

$\overline{I} = \{ \text{students at LU who play instruments} \}$

Universal set - biggest set that contains 1