

Notes for Marker's Introduction to Mathematical Logic

1. A \mathcal{L} -theory is a set of \mathcal{L} -sentences.
2. A set S of \mathcal{L} -structure M is A -definable for some set $A \subset M$ if there is a formula $f(v, b)$ define S , where $b \subset A$ is a set of elements in A
 - Remark: So a 0-definable set is a set that define by a formula, which does not reference to any parameters.
 - hello, lewho