

A Mathematical Introduction to Logic

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Chapter 0

Useful Facts About Sets

0.1 Lemma 0A

Assume that $\langle x_1, \dots, x_m \rangle = \langle y_1, \dots, y_m, \dots, y_{m+k} \rangle$. Then $x_1 = \langle y_1, \dots, y_{k+1} \rangle$.