A History of Logic

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Contents

A History of Logic	1
Aristotle (384 ~ 322 B.C.)	1
The Square of Opposition	1
Chrysippus $(279 \sim 206 \text{ B.C.})$	2
Connective Logic	2

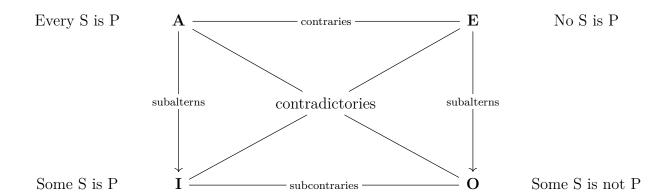
A History of Logic

Aristotle (384 \sim 322 B.C.)

The Square of Opposition

The square of opposition is a group of theses embodied in a diagram. The theses concern logical relations among four logical forms:

Name	Form	Title
A	Every S is P	Universal Affirmative
${f E}$	No S is P	Universal Negative
\mathbf{I}	Some S is P	Particular Affirmative
O	Some S is not P	Particular Negative



Chrysippus (279 ~ 206 B.C.)

Connective Logic

• \cap , \wedge , \rightarrow