Type:	Monograph
Title:	Relations between Logic and Mathematics in the Work of Benjamin and Charles S. Peirce
Author:	Walsh, Alison
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Abstract: The book begins with a discussion of Benjamin Peirce's linear associative algebra and then considers this and other early influences on the logic of is son, C. S. Peirce. A discussion of the early algebraic logicians such as Boole, Jevons and De Morgan follows, culminating in a detailed analysis of C. S. Peirce's seminal paper "Description of a Notation for the Logic of Relatives." His further developments of the 1880s, including quantificational logic are also traced. At the end of his life, Peirce looked to his graphical logic system – the existential graphs – to provide the logic of the future.

Language:	English
Keywords:	Logic, Mathematics