# **The Language and Logic of Plurals** (Abstract)

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Elementary logic cannot do justice to the logic of arguments like "Ezra and Thomas are critics who admire only each other; so, some critics admire only one another", or "Russell and Whitehead cooperate, and they are the coauthors of Principia Mathematica; so, the coauthors of Principia Mathematica cooperate." This paper presents an extension of elementary logic, the logic of plurals, that can account for logical relations among plural constructions. The logic of plurals is a conservative extension of elementary logic that has wider jurisdiction than that of elementary logic, i.e. elementary languages. In this respect, the logic of plurals is akin to higher-order extensions of elementary logic. It differs from them primarily in jurisdiction. Higher-order logics govern vertical extensions of elementary languages; the logic of plurals governs its horizontal extension, which includes plural counterparts of the resources available in elementary languages.