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Title: Non-Ontological Structuralism

Abstract

Historical structuralist philosophies of mathematics have been ontological. They either deny that there are any mathematical objects (eliminative structuralism) or they maintain that mathematical objects are structures or positions in them (sui generis structuralism). Non-ontological structuralism taken on its own offers no account of the nature of mathematical objects. My own structuralism has evolved from an early sui generis version to a non-ontological version that embraces Quine's doctrine of ontological relativity. In this paper I further develop and explain this view.