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Philosophies and pedagogies of mathematics.

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The paper discusses major philosophical stances on the nature of mathematics as held by foundationalists and quasi-empiricism supporters. It is argued that the contrasting philosophical views between the two groups parallels in many respects the pedagogical debate between behaviourism and socio-constructivism. It is also argued that behaviourism has been influenced by foundationalist conceptions of mathematics while socio-constructivism has been influenced by quasi-empirical philosophies.

Classification: E20

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