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**MATHEMATICS EDUCATION AND SOCIAL PHILOSOPHIES OF  
MATHEMATICS**

**An examination of the perspectives of Ludwig Wittgenstein, Imre Lakatos and Paul  
Ernest**

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**ABSTRACT**

The present work is an attempt to understand the social philosophies of Mathematics of Paul Ernest's Social constructivism as a philosophy of mathematics. It seeks a comprehension of what Paul Ernest takes into account about both Ludwig Wittgenstein and Imre Lakatos Philosophies of Mathematics. This work calls social philosophy of Mathematics those philosophies close to Social Constructivism according to Paul Ernest. The Philosophy of Mathematics is presupposed as the background to the practice in Mathematics Education.

TESE DE DOUTORADO EM EDUCAÇÃO (21/02/2002)

**EDUCAÇÃO MATEMÁTICA E FILOSOFIAS SOCIAIS DA MATEMÁTICA:  
Um exame das perspectivas de Ludwig Wittgenstein, Imre Lakatos e Paul Ernest**

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