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Pre-service primary teachers' emotions: the math-redemption phenomenon.

Lindmeier, Anke M. (ed.) et al., Proceedings of the 37th conference of the International Group for the Psychology of Mathematics Education “Mathematics learning across the life span”, PME 37, Kiel, Germany, July 28–August 2, 2013. Vol. 2. Kiel: IPN–Leibniz Institute for Science and Mathematics Education at the University of Kiel (ISBN 978-3-89088-288-8). 225-232 (2013).

Summary: The relationship with mathematics of future primary teachers is very often built on negative experiences with mathematics as students and characterized by strong negative emotions towards mathematics. This phenomenon is alarming because of its consequences on teachers' development and practice. Nevertheless, many future primary teachers reveal a desire for “redeeming” themselves from negative past experiences in order to become “good mathematics teachers”. In this perspective, we conducted a narrative study aimed at deepening the knowledge of this “math-redemption phenomenon”, and trying to identify its roots and features.

Classification: C29

Keywords: teachers' emotions; professional development; pre-service teachers; math redemption