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Turner, P.; Chauvot, J.

Teaching with technology: Two preservice teachers' beliefs.

Owens, D.T. et al., 17. annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA XVII). Proceedings. Vol. 2. ,. 115-121 (1995).

The goal of this longitudinal study was to conceptualize the belief structures of preservice teachers with regard to technology. We were concerned with what beliefs were held, how those beliefs were held, and to what extent those beliefs influenced the teacher's use of technology. We followed two preservice teachers through four quarters of a secondary mathematics education sequence. We analyzed their beliefs and found that prerequisite mathematical knowledge and the role of the teacher played a major part in the structure of their beliefs toward technology. We plan to continue working with these teachers as they move into their first year of teaching to see if these belief structures change. (orig.)

Classification: C29