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Teaching postgraduate research students in mathematics about teaching mathematics to undergraduates: education or training?

Adams, G. (ed.), Proceedings of the British Society for Research into Learning Mathematics (BSRLM). Vol. 35, No. 1. Proceedings of the day conference, St. Patrick's College, Dublin, Ireland, February 28, 2015. London: British Society for Research into Learning Mathematics (BSRLM). 60-65 (2015).

Summary: Postgraduate research students in university mathematics departments often teach undergraduates mathematics while they pursue their own research. This paper reports on a mathematics-specific 10 learning hour introduction to teaching for post-graduate mathematics research students. There are two strands to the paper: (1) presentation of the course design, delivery and data; (2) a discussion of the claim that such a course could not 'train' them but that it did offer them opportunities for 'education'.

Classification: D15

Keywords: university teaching; graduate teaching assistants; undergraduate mathematics teaching; education versus training; teacher education; educational research

<http://www.bsrlm.org.uk/IPs/ip35-1/BSRLM-IP-35-1-11.pdf>