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Issues surrounding technology integration in university education: results of a literature review

In this session we will present preliminary results of a literature review pilot study regarding the use of Computer Algebra Systems in post-secondary education. This study is part of an international research project (2007–09). Based on the pilot study results (summer 2008), we will highlight several emergent issues surrounding technology integration in university mathematics instruction. Our findings suggest that the multi-dimensional theoretical framework proposed by Lagrange et al. (2003) for literature review on technology in mathematics education requires certain modifications for our focus on systemic technology integration in post-secondary education.