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Lessons Learned in Open Online Courseware

There are many challenges that authors face when attempting to create effective online math lessons to be viewed by a broad unspecified audience. In particular, how does lesson design change if the student will have no interactions with the teacher? Can authors of online lessons control, or at least shape, what remote users are actually learning from their lessons? Can online lessons train users to check their own understanding? In this talk, I will share some lessons that I have learned while participating in an open courseware project at the University of Waterloo and discuss how these lessons might inform classroom teaching.