

1137-97-222

Emily S Cilli-Turner* (emilyct@uw.edu), 1900 Commerce Street, Box 358436, Tacoma, WA 98402. *Fostering Creativity in Proof-Based Courses: The Creativity-in-Progress Rubric (CPR) on Proving.*

While most mathematicians will agree that creativity is an important part of their work, research on how best to foster and value creativity in undergraduate classrooms is sparse. One such attempt is the development of the Creativity-in-Progress Rubric (CPR) on Proving, which is a formative assessment for use in undergraduate proof-based courses. This talk will discuss the development and implementation of the rubric in various proof-based courses as well as highlight future work including task development in conjunction with the rubric and teacher actions that can contribute to more creative student work. (Received February 04, 2018)