

Online Seminar on Undergraduate Mathematics Education

Assessing mathematical virtues, not just skills

Francis Su, Harvey Mudd College



Mathematics education often focuses on skills---like memorizing procedures, factoring a quadratic, integrating expressions, or proving something by induction. Skills are important to learn, but a great mathematics education should also be developing mathematical virtues---such as persistence, curiosity, creativity, and an appreciation of mathematical beauty. Virtues are just as important, if not more important, than skills and yet they seem to only show up implicitly in our assessments. In this talk, I'd like to start a conversation about assessing virtues: what the obstacles are, and why doing so is important for humanizing math experiences and teaching more equitably.

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Zoom link: <https://cornell.zoom.us/j/92415199317>, passcode olsume

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