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EduTech Tools for Mathematics Teaching

Education technology tools have been around for decades and research has shown the effective use of them can enhance learners' experience and deepen their conceptual understandings. In this presentation, I will share four EduTech tools that I have used in my teaching. They serve different purposes: GeoGebra was introduced to my linear algebra class to improve student's engagement; Padlet is used to collect student's feedback and track their progress, which allows me to clarify their misunderstandings on a more timely manner; I also use Zoom online meetings to conduct my virtual office hours so students can save on commute in terms of time and money and still get their doubts clarified; an in-class polling tool called Mentimeter will also be discussed during the talk: this is a great tool if you want to find out students' conceptual understanding of a core concept in class. I will share examples of using these tools with the audience.