

Some reflections about open vs. proprietary Computer Algebra Systems in mathematics teaching

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The talk will describe some personal reflections and experiences on using Computer Algebra Systems (CAS) for undergraduate mathematics teaching. I discuss the reasons behind my transition from using proprietary CAS to Sage for mathematics teaching purposes. Problems on this transition coming from the student and institution sides are considered.

Special attention is given to Wolfram|Alpha and Sage Cell. Both applications are web-based, suitable to use in small devices. Issues on accessibility, equity and student empowerment are discussed when selecting the teaching tool.