

WIRIS, a complete CAS with DGS

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Workshop Proposal for the TI-Nspire & Derive Strand

ABSTRACT

WIRIS is a suite of mathematical tools. WIRIS CAS and WIRIS Desktop are, respectively, the online and offline versions of a CAS with Dynamic Geometry capabilities, 2D and 3D graphics, advanced formulae typesetting, and other mathematical features.

WIRIS tools focus on usability and are tailored for educational purposes. The workshop will take a tour through the basics of WIRIS but also on the newest features, such as region plotting or ODE solving, for those assistants already aware of WIRIS.

WIRIS CAS is integrated into several Virtual Learning Environments. In particular, it is part of WIRIS quizzes, a mathematical assessment tool developed over Moodle. The last part of the workshop will be devoted to a brief presentation of the assessment system.

Some links to test

- WIRIS CAS www.wiris.com/demo/en/
- WIRIS quizzes www.wiris.com/demo-moodle/

Keywords

WIRIS, CAS, DGS, VLE, LMS, assessment