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Cubic spline collocation realised in DERIVE.

Gagatsis, Athanasios et al., 2nd Mediterranean conference on mathematics education (MEDCONF 2000). Vol. 1. , (ISBN 9963-7770-1-5). 199-209.

There is presented the implementation of Herriot-Reinsch algorithm in the computer algebra system DERIVE (version 3 or higher). The idea of a reporting variable on consecutive stages is introduced and its instructive potential in the education is underlined. (Orig.)

Classification: N50

Keywords: cubic spline collocation; herriot-reinsch algorithm