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**Title:** Mathematical Packages for Teaching and Research in Internet – Application and Information Support

**Authors:** [Kovacheva, Tsvetanka](#)

**Keywords:** Internet  
 Mathematical Application Packages  
 Mathematical Programs  
 Maple  
 Matlab  
 Mathcad  
 Mathematica  
 Statistica  
 SPSS

**Issue Date:** 2004

**Publisher:** Institute of Information Theories and Applications FOI ITHEA

**Abstract:** The paper considers the use and the information support of the most important mathematical Application Packages (AP), such as Maple, Matlab, Mathcad, Mathematica, Statistica and SPSS – mostly used during Calculus tuition in Universities. The main features of the packages and the information support in the sites of the producers are outlined, as well as their capacity for work in Internet, together with educational sites and literature related to them. The most important resources of the TeX system for preparation of mathematical articles and documents are presented.

**URI:** <http://hdl.handle.net/10525/896>

**ISSN:** 1313-0463

**Appears in Collections:** [Volume 11 Number 4](#)

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File	Description	Size	Format
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(Keong et al., 2005; Neurath & Stephens, 2006). The use of Microsoft Excel in learning algebra can change students' perceptions of algebra.

@inproceedings{Kovacheva2007MATHEMATICALPF, title={MATHEMATICAL PACKAGES FOR TEACHING AND RESEARCH IN INTERNET – APPLICATION AND INFORMATION SUPPORT}, author={Tsvetanka Kovacheva}, year={2007} }. Tsvetanka Kovacheva. Published 2007. The paper considers the use and the information support of the most important mathematical Application Packages (AP), such as Maple, Matlab, Mathcad, Mathematica, Statistica and SPSS – mostly used during Calculus tuition in Universities. The main features of the packages and the information support in the sites of the producers are outlined, as well as their capaci 8 MATHEMATICS EDUCATION RESEARCH IN THE NORDIC AND BALTIC AREA 10 INTERNATIONAL TRENDS IN MATHEMATICS EDUCATION RESEARCH Markku S. Hannula, University of Helsinki Abstract This article gives an overview of international trends in mathematics education research. This overview is based mainly on a recent Handbook on PME activities 1976-2006 and PME conference proceedings 1997-2007.