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**'GRK_TE_Xedt' - TAMIL T_EX EDITOR FOR
SCIENTIFIC TYPESETTING AND FOR
L_AT_EX OUTPUT**

A PROJECT REPORT PRESENTED BY

KANDASAMY GANESHAMOORTHY

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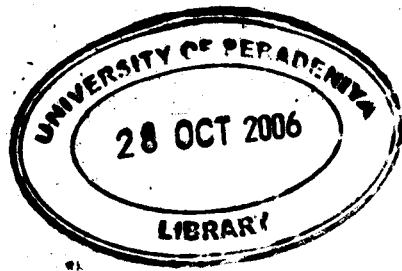
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Abstract

**'GRK_TE_Xedt' - TAMIL T_EX EDITOR FOR
SCIENTIFIC TYPESETTING AND FOR
L^AT_EX OUTPUT**

K.Ganeshamoorthy

Department of Mathematics

Eastern University

Chenkalady

Sri Lanka

T_EX is an ASCII text-based markup language. In a scheme of automated scientific document preparation L^AT_EX provides the foundation, which is also a markup language created from T_EX. In this work a user-friendly editor was developed integrating the Tamil text-based ASCII characters with the Tamil L^AT_EX characters via character mapping process. These conversions of Tamil text-based fonts have been interfaced with the L^AT_EX engine to produce L^AT_EX output such as DVI, PDF and PS.