

Graphics Calculator Use in the Public Examination of Calculus: The Experience of the First Year

Ute Mueller

School of Engineering and Mathematics
Edith Cowan University, Perth, Australia

Pat Forster

Curtin University of Technology , Perth, Australia
u.mueller@cowan.edu.au

Abstract

Graphics calculators were allowed in all tertiary entrance mathematics examinations in Western Australia for the first time in 1998. In this paper we present an analysis of graphics calculator use in the TEE Calculus examination. In particular, we discuss misconceptions attributable to the technology and misuses of it. These will be illustrated via three of the questions on the examination paper.