

Towards the Abandonment of Statistical Tables

Justo CABEZAS-CORCHERO¹⁾

Universidad de Extremadura, Depto. de Matemáticas
c/ Alcaraz y Alenda s/n, 06011 Badajoz, Spain
e-mail: jcabezas@alcazaba.unex.es

Eugenio ROANES-LOZANO²⁾

Universidad Complutense, Depto. de Álgebra
c/ Rector Royo Villanova s/n, 28040 Madrid, Spain
e-mail: eroanes@eucmos.sim.ucm.es

Received November 12, 2000

Abstract. The paper shows a computational method for solving the problems of calculating probability in continuous random variable in mathematics classes (without using tables). The number of situations that can be easily solved is enlarged with this approach. This research work is developed within another wider research work that promotes the curricular changes in mathematics made possible by the use of new technologies.

Key words: mathematical curricula, computer algebra systems, probability

¹⁾ The author developed his research as sabbatical, granted with “licencia por estudios” of the Spanish Ministry of Education and Culture (MEC).

²⁾ Partially supported by DGES, “Programa General de Promoción del Conocimiento”, Spanish Ministry of Education and Culture (MEC), research project PB-96-0098-C04-03.