Generalized Jacobi–Koornwinder’s-type Bernstein polynomials bases transformations

Mohammad A. AlQudah*
School of Basic Sciences and Humanities
German Jordanian University, Amman 11180, Jordan
mohammad.qudah@gjui.edu.jo

Maalee N. AlMheidat
Department of Basic Sciences, University of Petra
Amman 11196, Jordan
malmheidat@up.edu.jo

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This paper provides an explicit closed form of generalized Jacobi–Koornwinder’s polynomials of degree \( r \leq n \) in terms of the Bernstein basis of fixed degree \( n \). Moreover, explicit forms of generalized Jacobi–Koornwinder’s type and Bernstein polynomials bases transformations are considered.

Keywords: Jacobi–Koornwinder’s polynomials; Bernstein polynomials; transformation; basis.

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1. Introduction

*Corresponding author.