

**RETRACTED PAPER: SEVERAL THEOREMS OF
APPROXIMATION THEORY FOR THE q -BESSEL TRANSFORM,
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OTHMAN TYR¹ AND ABDELAALI DADES²

After careful review, the Editorial Board determined that the main results of the paper (Theorems 3.1 and 3.2) coincide with results published by Volosivets and Krotova in The Ramanujan Journal (2025), which has priority based on its earlier publication date. As the prior publication was not properly cited nor was its relationship to the present work clearly explained, the article has been retracted in accordance with publication ethics standards. Reference: S. Volosivets, Y. Krotova, *Direct and inverse approximation theorems connected with the q -Bessel Fourier transform in weighted L^2 space*, The Ramanujan Journal 66, 29 (2025).

¹LRST LABORATORY, THE HIGHER SCHOOL OF EDUCATION AND TRAINING OF AGADIR
IBN ZOHR UNIVERSITY,
AGADIR, MOROCCO
Email address: o.tyr@uiz.ac.ma
ORCID id: <https://orcid.org/0000-0002-7261-8809>

²LABORATORY OF FUNDAMENTAL AND APPLIED MATHEMATICS,
DEPARTMENT OF MATHEMATICS, FACULTY OF SCIENCES AIN CHOCK,
HASSAN II UNIVERSITY,
CASABLANCA, MOROCCO
Email address: dadesabdelali@gmail.com
ORCID id: <https://orcid.org/0000-0003-1649-2364>

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