

**Berisha, M. Q.; Berisha, F. M.**

**A note on the inverse theorem for a generalised modulus of smoothness.** (English)

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Summary: We prove the converse to Jackson's theorem for a modulus of smoothness of first order generalised by means of an asymmetric operator of generalised translation.

**MSC:**

42A05 Trigonometric polynomials, inequalities, extremal problems

42A10 Trigonometric approximation

**Keywords:**

generalised modulus of smoothness; asymmetric operator of generalised translation; converse Jackson theorem; best approximation by algebraic polynomials

**Full Text:** [arXiv](#)