

## ERRATUM, SEVERAL $q$ -INTEGRAL INEQUALITIES

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Theorem 1 (see [1]) is not valid for  $\beta \geq 1$ , it is valid for  $\beta \geq 2$ . Similarly, Theorem 2 in [1] is not valid for  $\beta \geq 1$  it is valid for  $\beta \geq 2$ . In Theorem 3, the expression

$$\int_0^b f^\alpha(x) \cdot x^\beta d_q x = \frac{1}{[\beta]_q} \int_0^b f^\alpha(x) \left( \int_0^x u^{\beta-1} d_q u \right) d_q x$$

is not valid, it is valid

$$\int_0^b f^\alpha(x) \cdot x^\beta d_q x = [\beta]_q \int_0^b f^\alpha(x) \left( \int_0^x u^{\beta-1} d_q u \right) d_q x.$$

### REFERENCES

- [1] YU MIAO, FENG QI, *Several  $q$ -Integral Inequalities*, J. Math. Inequal., **3**, 1 (2009), 115–121.

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