Simpson's and Newton's type Quantum integral inequalities for preinvex functions

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Abstract

In this research, we offer two new quantum integral equalities for recently defined q^{b}-integral and derivative, the derived equalities then used to prove quantum integral inequalities of Simpson's and Newton's type for preinvex functions. We also considered the special cases of established results and offer several new and existing results inside the literature of Simpson's and Newton's type inequalities.

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