New *q*-analogues of a congruence of Sun and Tauraso

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Abstract. Recently, by making use of a formula of Carlitz, the author confirmed a *q*-congruence conjectured by Tauraso. In this note, we use Carlitz's formula again to establish two new *q*-analogues of a congruence of Sun and Tauraso. We also give another generalization of Sun and Tauraso's congruence, along with its *q*-analogue.

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