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Congruences for Bernoulli - Lucas Sums,
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Abstract

We give strong congruences for sums of the form $\sum_{n=0}^N B_n V_{n+1}$ where B_n denotes the Bernoulli number and V_n denotes a Lucas sequence of the second kind. These congruences, and several variations, are deduced from the reflection formula for p -adic multiple zeta functions.