Ming Wu and Hao Pan
Sums of products of Bernoulli numbers of the second kind, Fibonacci Quart. 45 (2007), no. 2, 146-150.

## Abstract

The Bernoulli numbers of the second kind $b_{n}$ are defined by

$$
\sum_{n=0}^{\infty} b_{n} t^{n}=\frac{t}{\log (1+t)} .
$$

In this paper, we give an explicit formula for the sum

$$
\sum_{\substack{j_{1}+j_{2}+\cdots+j_{N}=n \\ j_{1}, j_{2}, \ldots, j_{N} \geq 0}} b_{j_{1}} b_{j_{2}} \cdots b_{j_{N}} .
$$

We also establish a $q$-analogue for

$$
\sum_{k=0}^{n} b_{k} b_{n-k}=-(n-1) b_{n}-(n-2) b_{n-1} .
$$

