EVALUATING BINOMIAL CONVOLUTION SUMS OF DIVISOR FUNCTIONS IN TERMS OF EULER AND BERNOULLI POLYNOMIALS

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In this talk, we provide two identities about binomial convolution sums of $\sigma_r^{\flat}(n; N/4, N)$ with $N/4 \in \mathbb{N}$, which are expressed in terms of Euler and Bernoulli polynomials. A recent result of Kim, Bayad and Park turns out to be a special case of one of the two identities when $N = 4$.

REFERENCES