1035-11-1455 **Carrie E Finch*** (`finchc@wlu.edu`), Washington & Lee University, Mathematics Department, Lexington, VA 24450, and **Lenny Jones**. *Sums of cyclotomic polynomials.* Preliminary report.

Let p_1, p_2, ..., p_ℓ denote ℓ distinct primes. In this paper, we discuss the irreducibility of $\Phi_{p_1} + \Phi_{p_2} + \cdots + \Phi_{p_\ell}$, where Φ_n denotes the nth cyclotomic polynomial. (Received September 19, 2007)