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Mohammad K. Azarian* (azarian@evansville.edu), Department of Mathematics, University of Evansville, 1800 Lincoln Avenue, Evansville, IN 47722. *On Convergent of Some Infinite Series Involving Fibonacci Numbers and Identities*. Preliminary report.

In this talk we present some convergent infinite series as well as some convergent infinite products involving Fibonacci numbers and identities. We use modifications of some known Fibonacci identities, including Cassini's, Catalan's, and Vajda's identities. Also, we utilize known results from analysis, including some properties of convergent infinite series. The talk is suitable for students. (Received August 26, 2019)