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**Xin Li\*** ([xli@math.ucf.edu](mailto:xli@math.ucf.edu)), MAP 235, Department of Mathematics, University of Central Florida, Orlando, FL 32816. *A Curious Identity on the Stirling Numbers of the Second Kind*. Preliminary report.

We establish a new identity about the Stirling numbers of the second kind. The techniques used in the proof relies on the results from function approximation. A combinatorics method is desired. It is very likely that there is a companion identity that is missing. (Received August 18, 2005)