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David W Farmer and **Sally Koutsoliotas*** (s.koutsoliotas@bucknell.edu), Bucknell University, Lewisburg, PA 17837, and **Stefan Lemurell**. *Finding L-functions of hyperelliptic curves*.

We describe a procedure for finding the Hasse-Weil L-function of a hyperelliptic curve without knowing anything about the curve except its conductor. We illustrate the method with several examples. (Received September 15, 2014)