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Mario Umberto Martelli* (mario.martelli@cgu.edu), 710 North College Blvd, Claremont, CA 91711. *On the Longitudinal Librations of Hyperion.*

The longitudinal librations of the satellite Hyperion will be studied under the assumption that the spin axis remains perpendicular to the orbit plane. It will be shown that with probability 1 they are unpredictable. (Received September 09, 2008)