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Liangying Jiang* (liangying1231@163.com), Department of Applied Mathematics, Shanghai Finance University, Shanghai, 201209, Peoples Rep of China, and **Zhihua Chen**. *Spectra of linear fractional composition operators on $H^2(B_N)$.*

We characterize the spectra of composition operators on the Hardy space $H^2(B_N)$, when whose symbols are elliptic or hyperbolic linear fractional self-maps of the unit ball B_N . Therefore, combining with a previous result obtained by Bayart, the spectra of all linear fractional composition operators on $H^2(B_N)$ are completely determined. (Received September 17, 2013)