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Ian Grigsby* (ian.grigsby@untDallas.edu), 8095 W Camp Wisdom Rd, Apt 5107, Dallas, TX 75236, and **Jonathan Meddaugh**. *On The Shadowing Property For Operators Acting on Fréchet Spaces*. Preliminary report.

It is known due to Bernardes et al. that for operators acting on Banach spaces, the presence of the shadowing property is directly linked to the hyperbolicity of the operator, that is whether or not the spectrum has any elements of norm 1. We expand on this result by linking the existence of the shadowing property for operators acting on Fréchet spaces to the Waelbroeck spectrum of the operator. (Received September 20, 2021)