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Christine Ruey Shan Lee* (crslee@southalabama.edu). *Undetected slopes by quantum invariants*. Preliminary report.

A boundary slope is undetected by colored Khovanov homology if its associated homology group is trivial. We will discuss possible relationships between boundary slopes undetected by colored Khovanov homology and boundary slopes that are not strongly detected by character variety in the sense of Chesebro-Tillmann, in view of the connection between the Strong Slope Conjecture and the AJ Conjecture. (Received September 06, 2019)