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Uyen H Le* (hle1@mix.wvu.edu), 1A HO XUAN HUONG, Phan Rang Thap Cham, Ninh Thuan , Vietnam, and **Olgur Celikbas** and **Hiroki Matsui**. *On the depth and reflexivity of tensor products.*

In this talk, we study the depth of tensor products of homologically finite complexes over commutative Noetherian local rings. As an application of our main result, we determine new conditions under which nonzero tensor products of finitely generated modules over hypersurface rings can be reflexive if both of their factors are reflexive. Finally, we will discuss some examples to show why these results are new and necessary. (Received February 17, 2021)