1010-13-58 **Andrew J Hetzel** and **A. Serpil Saydam*** (`saydam@ulm.edu`), Department of Mathematics and Physics, University of Loisiana at Monroe, 700 University Avenue, Monroe, LA 71209. *On the ascent of properties related to unique factorization domains, part II.* Preliminary report.

This talk is the continuation of the one which will be presented by A. J. Hetzel, entitled "On the ascent of properties related to unique factorization domains, part I". In this talk, we will be talking about the ascent of the property of being a Mori domain, a Krull domain and a UFD to a certain class of monoidal transform respectively. The speaker will show the necessity of the "prime ideal" hypothesis when the base domain is a Noetherian unique factorization domain. (Received August 16, 2005)