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Furuzan Ozbek* (furuzanozbek@uky.edu), **Pedro Guil Asensio** (paguil@um.es) and **Sergio Estrada** (sestrada@um.es). *A Sufficient Condition for Covering Ideals*. Preliminary report.

Ideal approximation theory has been recently introduced by Herzog, Fu, Guil Asensio and Torrecillas. This theory establishes an extension to ideals of morphisms in exact categories of the usual theory of covers and envelopes by modules. In this talk we will give sufficient conditions for an ideal of morphisms to be covering and show how our result can be used to obtain an alternate proof for the existence of phantom covers. (Received August 27, 2013)