

Proof of the Lemma 13 is incorrect (The conclusion that “ $wv' \in R$ for some $v' \in Y$ ” is incorrect.). For a corrected proof (in more general setting), see Lemma 4 in Parviainen & Koivisto: Bayesian structure discovery in Bayesian networks. *Proceedings of the 13th International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2010.