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Jacob Suggs* (jacob.suggs@uconn.edu). *Lowness for Isomorphism.*

One of the many notions of lowness for the Turing degrees is lowness for isomorphism: a degree is low for isomorphism iff whenever it can compute an isomorphism between two computable structures, there is also a computable isomorphism between those structures. If we restrict to a class of structures \mathcal{C} , we have the related property of being low for \mathcal{C} -isomorphism. This property is highly related to the interaction between degrees and the specific structural properties of members of \mathcal{C} , and we will present results which are both of interest in their own rights and which illustrate a few of the ways that this interaction can occur. (Received January 20, 2015)