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Paul R Turner* (paul@ma.hw.ac.uk), Departement de mathematiques, Universite de Fribourg, Chemin du Musee 23, CH-1700 Fribourg, Switzerland, and **Brent J Everitt**. *Sheaves of modules over posets and Khovanov homology*.

The decorated hypercube found in the construction of many link homology theories is an example of a sheaf of modules over a Boolean lattice. There is a well developed theory of sheaves over small categories and in this talk we will outline some implications of this point of view to Khovanov homology. (Received September 09, 2008)