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Jonny Comes* (jcomes@uoregon.edu). *Blocks in Deligne's $Rep(S_t)$.*

Recently Deligne introduced the tensor category $Rep(S_t)$ where t is not necessarily an integer. When t is not a nonnegative integer, $Rep(S_t)$ is a semisimple category. When t is a nonnegative integer, $Rep(S_t)$ is a non-semisimple category which “interpolates” representations of the symmetric group S_t . In this talk I will define the category $Rep(S_t)$ for arbitrary t , and describe the blocks of $Rep(S_t)$ in the non-semisimple cases. (Received August 14, 2009)