1134-03-296 **Lynn Scow*** (lynn.scow@csusb.edu). *Transfer of the Ramsey property by semi-retractions.*

Given a class $\mathcal{K}$ of finite L-structures, say that a copy of A in B is any L-substructure of B isomorphic to A. We say that $\mathcal{K}$ has the Ramsey property if for all $A, B \in \mathcal{K}$ there is $C \in \mathcal{K}$ so that for all 2-colorings of copies of A in C, there is a copy B' of B in C, all of whose copies of A are colored the same color under this coloring.

In this talk we introduce a weaker form of bi-interpretability and see how it can be used to transfer the Ramsey property across classes in different first-order languages. This is a special case of a more general theorem about what we will call color-homogenizing embeddings. (Received September 10, 2017)