1033-05-25 Alexandr Kostochka\* (kostochk@math.uiuc.edu), Department of Mathematics, Urbana, IL 61801, and Xuding Zhu. Adapted list coloring of graphs and hypergraphs. Preliminary report.

We introduce and study adapted list coloring of graphs and hypergraphs. This is a generalization of ordinary list coloring and adapted coloring, and has more applications than these. We prove that the upper bounds on the adaptable choosability of graphs and uniform hypergraphs in terms of maximum degree are sufficiently stronger than those on the ordinary choosability, while the bounds in terms of degeneracy are the same. We also characterize the multigraphs with adaptable choosability 2. (Received July 25, 2007)