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**Anton Bernshteyn\*** (bernsht2@illinois.edu) and **Alexandr Kostochka**. *Sharp Dirac's Theorem for DP-Critical Graphs.*

Correspondence coloring, or DP-coloring, is a generalization of list coloring introduced recently by Dvořák and Postle. The subject of this talk is a version of Dirac's theorem on the minimum number of edges in critical graphs in the framework of DP-colorings. A corollary of this result is a solution to the problem, posed by Kostochka and Stiebitz, of classifying list-critical graphs that satisfy Dirac's bound with equality. (Received February 06, 2017)