

1067-05-591

Hannah Alpert* (hcalpert@uchicago.edu), **Amariah Becker**, **James Hilbert**, **Jennifer Iglesias** and **Garth Isaak**. *Edge switching on colored degree sequences.*

The colored degree sequence of an edge-colored graph gives the number of edges of each color incident to each vertex. We use edge switching to characterize the colored degree sequences of forests and the two-color degree sequences in which each vertex has the same degree in both colors. (Received September 10, 2010)