

1126-05-112

**Xia Zhang\*** (pandarhz@gmail.com). *Disconnected critical graphs on  $g_c$ -colorings.*

Every critical graph is connected on proper edge-colorings of simple graphs. In contrast, there not only exist connected critical graphs but also exist disconnected critical graphs on  $g_c$ -colorings of simple graphs. In this talk, the structure characteristics of disconnected  $g_c$ -critical graphs are depicted. (Received January 08, 2017)