

1125-05-2353 **Guanghui Wang*** (ghwang@sdu.edu.cn), Jinan, Shandong 250100. *Rainbow matchings in graphs.*

A rainbow matching in an edge colored graphs is a matching such that all edges have distinct collors. Rainbow matchings are closely related to latin squares, orthogonal matchings. In this talk, we focus on the existence of rainbow matchings in properly edge colored graphs. (Received September 20, 2016)