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**Nick Zhao\*** ([yzhao@mail.ucf.edu](mailto:yzhao@mail.ucf.edu)), Department of Mathematics, University of Central Florida, Orlando, FL 32816. *Adjacency Lemmas on edge chromatic critical graphs.*

Researchers have used Vizing Adjacency Lemma to deal with edge chromatic critical graphs for almost 40 years and obtained many good results. For the past 10 years, researchers have obtained some new adjacency lemmas. In this talk, we will talk about some of these Adjacency Lemmas obtained after Vizing Adjacency lemma. (Received August 02, 2011)