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**Hong-Jian Lai\*** (hjlai@math.wvu.edu), Department of mathematics, West Virginia University, Morgantown, WV 26506-6310, and **Murong Xu** (xumurong@math.wvu.edu), Department of Mathematics, West Virginia University, Morgantown, WV 26506-6310. *On  $r$ -hued colorings of graphs.*

For positive integers  $k$  and  $r$ , a  $(k, r)$ -coloring is a proper  $k$ -coloring  $c$  of  $G$  such that  $|c(N(v))| \geq \min\{d(v), r\}$  for any  $v \in V(G)$ . The  $r$ -hued chromatic number of  $G$ , denoted by  $\chi_r(G)$ , is the smallest integer  $k$  such that  $G$  has a  $(k, r)$ -coloring. When  $r = 2$ ,  $\chi_2(G)$  is also called the dynamic chromatic number of  $G$ . We will present some of the recent developments of  $r$ -hued colorings of graphs. (Received August 11, 2015)