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Sampathkumar [F. Harary, *Graph Theory* (Addison-Wesley, Reading, MA, 1969)] defined the coloring of a digraph $D = (V, A)$ as a coloring of its vertices by the following rule: Let uv be an arc in D . If the tail u is colored first, then the head v should receive a color different from that of u . But, if v is colored first, then u may or may not receive the color of v . The *dichromatic number* $\chi_d(D)$ of a digraph D is the minimum number of colors needed for coloring of a digraph D . In this paper, we obtain some results on uniquely colorable digraphs and Nordhaus–Gaddum type results for digraphs.

Keywords: Coloring = dichromatic number = uniquely colorable

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