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**Axel Brandt\*** (axbrandt@davidson.edu), **Michael Ferrara**, **Nathan Graber**, **Stephen Hartke** and **Sarah Loeb**. *Entire Colorability for a Class of Plane Graphs*.

A plane graph  $G$  is *entirely  $k$ -colorable* if every element in the set of vertices, edges, and faces of  $G$  can be colored from  $\{1, 2, \dots, k\}$  so that every two adjacent or incident elements have distinct colors. In 2011, Wang and Zhu asked if every simple plane graph  $G$ , other than  $K_4$ , is entirely  $(\Delta(G) + 3)$ -colorable. In 2012, Wang, Mao, and Miao answered in the affirmative for simple plane graphs with  $\Delta(G) \geq 8$ . We show that every loopless plane multigraph with  $\Delta(G) = 7$ , no 2-faces, and no two 3-faces sharing an edge is entirely 10-colorable. (Received August 31, 2017)