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Axel Brandt, Michael Ferrara, Nathan Graber* (nathan.graber@ucdenver.edu), **Stephen Hartke** and **Sarah Loeb**. *Plane Graphs with Maximum Degree 7 and no Adjacent Triangles are Entirely 10-Colorable.*

Let G be a plane graph with maximum degree Δ . If all vertices, edges, and faces of G can be colored with k colors so that any two adjacent or incident elements have distinct colors, then G is said to be entirely k -colorable. In 2011, Wang and Zhu asked if every simple plane graph except K_4 is entirely $(\Delta + 3)$ -colorable. In 2012, Wang, Mao, and Miao answered in the affirmative for simple plane graphs with $\Delta \geq 8$. In this paper, we show that every plane multigraph with $\Delta = 7$, no loops, no 2-faces, and no 3-faces sharing an edge is entirely $(\Delta + 3)$ -colorable. (Received September 17, 2019)