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**Louis DeBiasio\*** (debiasld@miamioh.edu), **András Gyárfás**, **Robert A. Krueger**, **Miklós Ruszinkó** and **Gábor N. Sárközy**. *Monochromatic structures in edge-colored bipartite graphs.*

Given a (not necessarily complete) bipartite graph and an arbitrary edge-coloring, how large is the largest monochromatic component/balanced-component/connected-matching/path/cycle? We obtain asymptotically best possible results for two colors and provide new bounds in the case of three or more colors. (Received August 13, 2018)