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Richard Hammack* (rhammack@vcu.edu), Dept. of Math. and Applied Math., Virginia Commonwealth University, Richmond, VA 23284. *Isomorphic components of direct products of bipartite graphs.*

The direct product of two connected bipartite graphs G and H has exactly two components. These components may or may not be isomorphic, depending on G and H . Ten years ago Jha, Klavžar and Zmazek proved that the components are isomorphic if one of G and H admits an automorphism that interchanges its partite sets, and they conjectured that the converse is true. We outline a proof of the converse. (Received September 17, 2008)