

Even harmonious labeling for a class of disconnected graphs  
Maged Z. Youssef<sup>1,2</sup>

<sup>1</sup> Department of Mathematics and Statistics, College of Science, Al Imam  
Mohammad Ibn Saud Islamic University, P.O. BOX 90950 Riyadh 11623, Saudi  
Arabia;

<sup>2</sup> Department of Mathematics, Faculty of Science, Ain Shams University, Cairo  
11566, Egypt.  
mzyoussef11566@yahoo.com

Abstract: In this paper we give a complete characterization of the even  
harmoniousness labeling of  $mC_n$  and some other related graphs.