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**Piyush Shroff\***, Department of Mathematics, Texas State University, 601 University Drive, MCS 470, San Marcos, TX 78666, and **Austin Allen, Ashley Chen** and **Jessica Ding**. *Order dividing bijective function from non-cyclic to cyclic groups of same finite order.*

In this article we give an order-dividing bijective function between cyclic and non cyclic groups of finite order. In particular, we prove that there exists a bijective function from  $D_{2n}$  to  $\mathbb{Z}_{2n}$  for any natural integer  $n$ , and from  $\mathbb{Z}_p \times \mathbb{Z}_k$  to  $\mathbb{Z}_{p^k}$  where  $p$  is an odd prime and  $k$  is not a multiple of  $p$ . (Received September 14, 2021)