

1086-05-2526 **Sean P Haler*** (seanhailer@gmail.com). *Packing Four Copies of a Tree into a Complete Graph.*
A tree T of order n is k -placeable if there exists k edge-disjoint copies of T in K_n , this is also known as a k -packing of T into K_n . Previous work has characterized all trees that are k -placeable for $k \leq 3$. Here those results are extended and a complete characterization of all trees that are k -placeable is given for $k = 4$. (Received September 25, 2012)