
BERT HARTNELL, Saint Mary's University

Decycling in the Cartesian Product

The decycling number of a graph is the minimum number of vertices that must be removed so that the resulting graph is a forest. In an earlier investigation we considered the cartesian product of a graph with a complete graph of order 3 or more and its decycling number. Here we focus on a similar problem but when the complete graph is of order 2. This is joint work with C. Whitehead.