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Eternally Surrounding a Robber

We consider the Bodyguard Problem for graphs. This is a variation of Surrounding Cops and Robber but, in this model, a smallest possible group of bodyguards must surround a president and then maintain this protection indefinitely. We present some general bounds on our parameter of interest, and pay particular attention to Cartesian, strong, and lexicographic products. We also give exact results for some common graph families. This is joint work with Danny Dyer and William Kellough.