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Limited Visibility Cops and Robbers

Limited visibility Cops and Robbers is a variation of the traditional Cops and Robbers game where the Cops can only see distance $\ell \geq 1$ from their current location, but the Robber still has perfect information. Results regarding monotonicity, retracts, trees and chordal graphs will be presented. This is joint work with N. Clarke, C. Duffy, D. Dyer, S. Fitzpatrick and M.E. Messinger.