

- ▶ IMRAN KHALIQ, BAKHADYR KHOUSSAINOV, JIAMOU LIU, *Extracting Winning Strategies in Update Games*.

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This paper investigates algorithms for extracting winning strategies in two-player games played on finite graphs. We focus on a special class of games called update games. We present a procedure for extracting winning strategies in update games by constructing strategies explicitly. This is based on an algorithm that solves update games in quadratic time. We also show that solving update games with a bounded number of nondeterministic nodes takes linear time.