Performance of Different Solvers with Different Reordering Full Solver Band Solver without reordering Band Solver with X reordering 10⁴ Band Solver with Y reordering Band Solver with RCMK reordering Complexity of Full Solver: $O(n^3)$ Complexity of Band Solver: $O(n^{1.65})$ 10^{2} Time [s] 10⁰ 10^{-2} 10³ 10^{4} Number of Nodes [n] Band Size with Different Reordering Band Size without reordering Band Size with X reordering Band Size with Y reordering Band Size with RCMK reordering Complexity of Band Size without reordering: O(n) 10^{4} Complexity of Band Size with reordering: $O(\sqrt{n})$ Band size [#] 10³ 10² 10^{4} 10³

Number of Nodes [n]