

1. Problem 1: The Closet Mayhem Problem

- (A) The graph G can be described as a directed graph with vertices V where $v_i \in V$ is the i th handhold. $\{v, w\}$ where $v, w \in V$ is defined as a directional edge from v to w *IFF* there is a path from the handholds corresponding to v and w .
- (B) Don't Have!