Algorithm 1 : $Blind(init, goal) \rightarrow optimalSolutionCost$

if already solved **then**
  $return(0)$
end if
$nodes \leftarrow (init, Fw, 0, open), (goal, Bw, 0, open)$
$gLim(Bw) \leftarrow gLim(Fw) \leftarrow 0$
$incrementedDir \leftarrow Bw$
for gSum from 1 up by 1 until unsolvable **do**
  $incrementedDir == opposite(incrementedDir) + 1$
  if expandLevel(nodes,gLim(),gSum) **then**
    $return(gSum)$
  end if
end for