

```

Warshall(R) ==
  LET NR == NodesOf(R)
  RECURSIVE W(_)
  W(L) == IF L = {}
  THEN R
  ELSE LET n == CHOOSE node \in L : TRUE
  WM == W(L \ {n})
  IN WM \cup {rs \in NR \ X NR :
    (<<rs[1], n>> \in WM) /\ (<<n, rs[2]>> \in WM)}
  IN W(NR)

```

CLOSE