

SLOW-APSP($W, L^{(0)}, n$)

1 let $L = (l_{ij})$ and $M = (m_{ij})$ be new $n \times n$ matrices

2 $L = L^{(0)}$

3 **for** $r = 1$ **to** $n - 1$

4 $M = \infty$ *// initialize M*

5 *// Compute the matrix “product” $M = L \cdot W$.*

6 **EXTEND-SHORTEST-PATHS**(L, W, M, n)

7 $L = M$

8 **return** L