Algorithm 3 findAllPaths(Probabilistic distance-aware graph model G_{pdm}, Source reader R_s, Destination reader R_d)

1: stack $S \leftarrow \emptyset$; $neighbors \leftarrow \emptyset$; $paths \leftarrow \emptyset$;
2: $S.push(R_s)$
3: **if** $(curr = R_d)$ **then**
4: $\quad paths[] \leftarrow S$
5: $neighbors \leftarrow getNeighbors(R_s, G_{pdm})$
6: **for** each n in $neighbors$ **do**
7: $\quad$ **if** (n not in stack S) **then**
8: $\quad\quad findAllPaths(G_{pdm}, n, R_d)$
9: $S.pop()$