

Require: Λ, l, d

if $|\Lambda| \leq N$ **then**

$\Omega \leftarrow \text{discoveryRoutine}(\Lambda, \Lambda, l, d)$

return Ω

end if

divide Λ into two equal partitions Λ_i and Λ_j

$\Omega_i \leftarrow \text{DDCSD}(\Lambda_i, l, d)$

$\Omega_j \leftarrow \text{DDCSD}(\Lambda_j, l, d)$

$\Omega_i \leftarrow \text{discoveryRoutine}(\Omega_i, \Lambda_j, l, d)$

$\Omega_j \leftarrow \text{discoveryRoutine}(\Omega_j, \Lambda_i, l, d)$

$\Omega \leftarrow \Omega_i \cup \Omega_j$

return Ω