```
Metagraph Traversal With Rules (DB, SV, RME, RE)
     MG \leftarrow INIT(DB)
     MG.ME \leftarrow Apply Rules(MG.ME, RME)
     queue \leftarrow \emptyset
     visited \leftarrow \emptyset
6
      for each v in SV
        do Enqueue (queue, v)
8
     while queue \neq \emptyset
        do cur v \leftarrow Dequeue(queue)
10
           Add(visited, cur v)
11
           Add (MG.V, cur v)
12
            incident edges ← Incident(DB, cur v)
13
            new_incident_edges ← Apply_Rules(incident_edges, RE)
14
            Extend (MG.E, new_incedent_edges)
15
            for each u in Adjacent(MG, cur v)
16
              do if u ∉ visited
17
                  then Enqueue (queue, u)
18
     return visited
```