We describe the main elements of the Network Algorithm and the changes and additions that we have made to construct the improved new Network Algorithm The Network Algorithm

figure [width=1.0]$dag_construction_query_processing6.pdf Schematic of the Network Algorithm : (I) Model Graphs g_1$ and g_2, (II) The Graph Database:A DAG is Constructed using the model graphs g_1 and g_2 and their decomposed subgraphs. *DAG node* 8 contains a subgraph common to model graphs g_1 and g_2 (III) Query Processing: Query Graph g_3 processed on the Graph Database and the matching query graph node IDs shown in braces fig:fig2