```
/*Edge streaming function in GridGraph*/
StreamEdges(){
    /*Get the active partitions*/
    P ← GetActivePartitions(partitions)
    while(there are active partitions in P){
        /* The original data load operation*/
        P^i ← load()
        for(each edge e ∈ P^i)
            ⋯ /*Process the streamed edges*/
    }
}
```

(a) Pseudocode of GridGraph

```
GraphSO.Init() /*Initialization of GraphSO*/
StreamEdges(){
    /*Get the active vertices*/
    GraphSO.GetActiveVertices()
    /*Construct the logical partitions*/
    LP ← GraphSO.Repartition(TChunk, |P|)
    while(there are logical partitions in LP){
        /*Load the logical partitions along specified order*/
        LP^i ← GraphSO.Schedule(LP, load())
        for(each edge e ∈ LP^i)
            ⋯ /*Process the streamed edges*/
    }
}
```

(b) Pseudocode of GridGraph integrated with GraphSO