

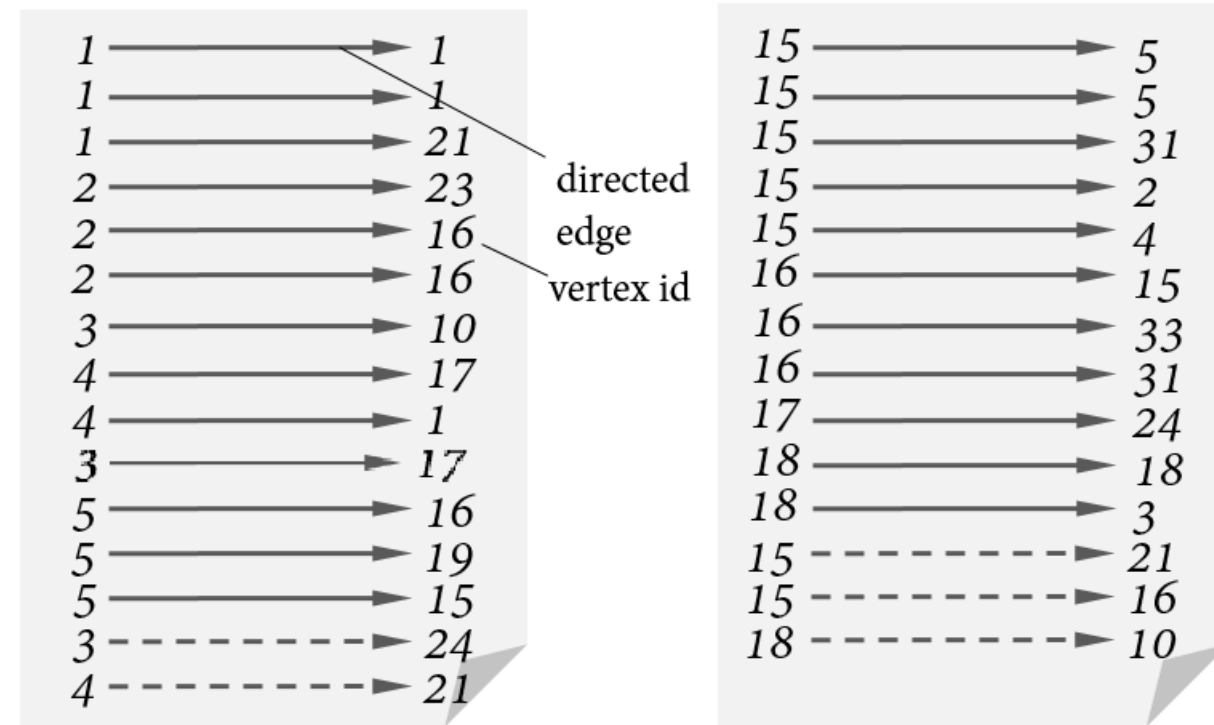
(a) Vertex-Interval Table (VIT), before repartitioning.



Properties of the partitions:

1. All edges with the same source vertex id are in the same partition.
2. All partitions have roughly the same number of edges.
3. Source vertex ids in each partition are consecutive.

(b) In-memory partitions after DTC-computation.



(Edge values have been omitted for clarity.)

Assumption: There is sufficient space in the memory to hold the enlarged partitions after DTC-computation.