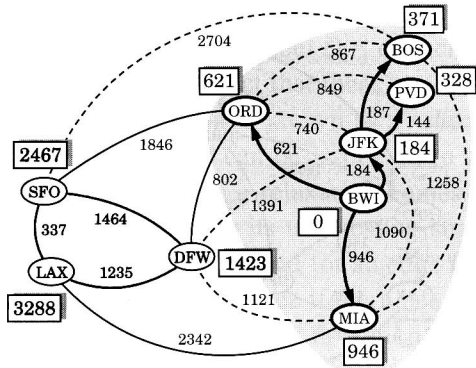
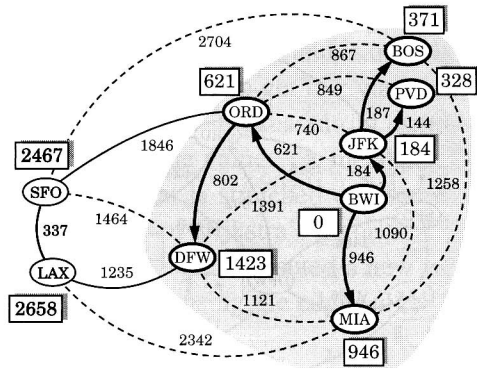


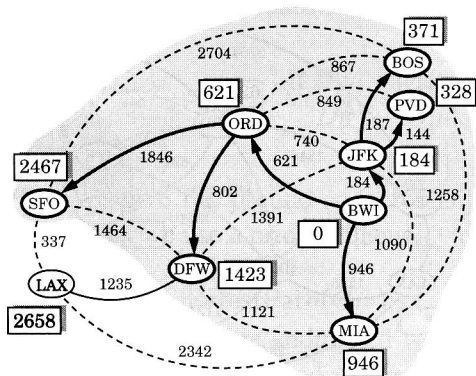
Figure 13.14: An execution of Dijkstra's algorithm on a weighted graph. The start vertex is BWI. A box next to each vertex  $v$  stores the label  $D[v]$ . The symbol  $\bullet$  is used instead of  $+\infty$ . The edges of the shortest-path tree are drawn as thick blue arrows, and for each vertex  $u$  outside the "cloud" we show the current best edge for pulling in  $u$  with a solid blue line. (Continues in Figure 13.15.)



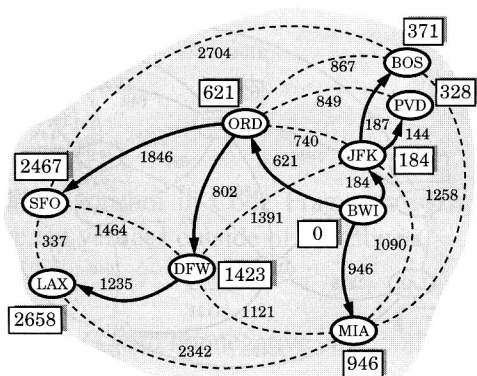
(g)



(h)



(i)



(j)

Figure 13.15: An example execution of Dijkstra's algorithm. (Continued from Figure ref:dijkstra:example:1.)