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Procedure Dijkstra_mod(r,P,cmin)
begin
  for i:=0 to n do begin P[i]=r; cmin[i]=0; end; cmin[r]=M; Q:=r;
  repeat
    select i from Q such that cmin[i]=max{cmin[h] con h ∈ Q}
    Q := Q \ {i};
    for each (i,j) ∈ FS(i) do {
      if ( min(cmin[i],c(i,j)) > cmin[j] ) then {
        cmin[j]=min(cmin[i],c(i,j)); P[j]=i;
        if j ∉ Q then { Q:=Q ∪ {j} }
      }
    }
  until Q=∅;
end

```