$$i$$
 r j
 $S_{i,j}: \bigcup_{i} \qquad j \qquad i \qquad r \qquad r+1 \ j$
 $C_{i,j}: \bigcup_{i} \qquad j \qquad i \qquad r \qquad j$

Diagrams of the second-order inside algorithm based on bottom-up dynamic program-

ming.