$$F(e_1, \ldots, e_n)$$

(1) $\quad F(\{\})$

(2) $\quad R(e_1, \ldots, e_n)$

(3)

$$\bowtie_c$$

$R(e_1, \ldots, e_n) \qquad S$

(4)

$$\bowtie_c$$

$R(e_1, \ldots, e_n) \quad S(e_1, \ldots, e_m)$

(5) $\quad F_e(e_1, \ldots, e_n)$