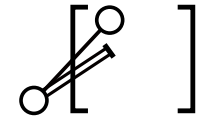
$$T_{r=0}\begin{bmatrix} i_p /\!\!/ n_p \\ i_o /\!\!/ n_o \end{bmatrix} = \left(1 - \frac{n_p - 1}{N}\right) \frac{n_p - i_p}{n_p} \sum_{r=0}^{r_{max}} T_r \begin{bmatrix} i_p /\!\!/ n_p - 1 \\ i_o /\!\!/ n_o - 1 \end{bmatrix}$$

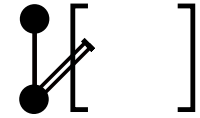
(A)

$$+ \frac{n_p - i_p}{N} \sum_{r=0}^{r_{max}} T_r \begin{bmatrix} i_p /\!\!/ n_p \\ i_o /\!\!/ n_o - 1 \end{bmatrix}$$



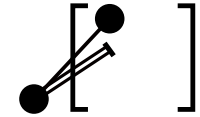
(B)

$$+ \left(1 - \frac{n_p - 1}{N}\right) \frac{i_p}{n_p} \sum_{r=0}^{r_{max}} (1-s)^{1-\delta_{r,r_{max}}} T_r \begin{bmatrix} i_p - 1 /\!\!/ n_p - 1 \\ i_o - 1 /\!\!/ n_o - 1 \end{bmatrix}$$



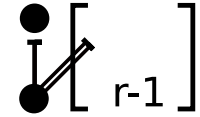
(C)

$$+ \frac{i_p}{N} \sum_{r=0}^{r_{max}} (1-s)^{1-\delta_{r,r_{max}}} T_r \begin{bmatrix} i_p /\!\!/ n_p \\ i_o - 1 /\!\!/ n_o - 1 \end{bmatrix}$$



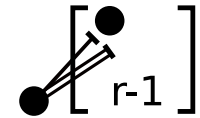
(D)

$$T_r \begin{bmatrix} i_p /\!\!/ n_p \\ i_o /\!\!/ n_o \end{bmatrix} = \left(1 - \frac{n_p - 1}{N}\right) \frac{i_p}{n_p} s T_{r-1} \begin{bmatrix} i_p - 1 /\!\!/ n_p - 1 \\ i_o /\!\!/ n_o \end{bmatrix}$$



(rC)

$$+ \frac{i_p}{N} s T_{r-1} \begin{bmatrix} i_p /\!\!/ n_p \\ i_o /\!\!/ n_o \end{bmatrix}$$



(rD)