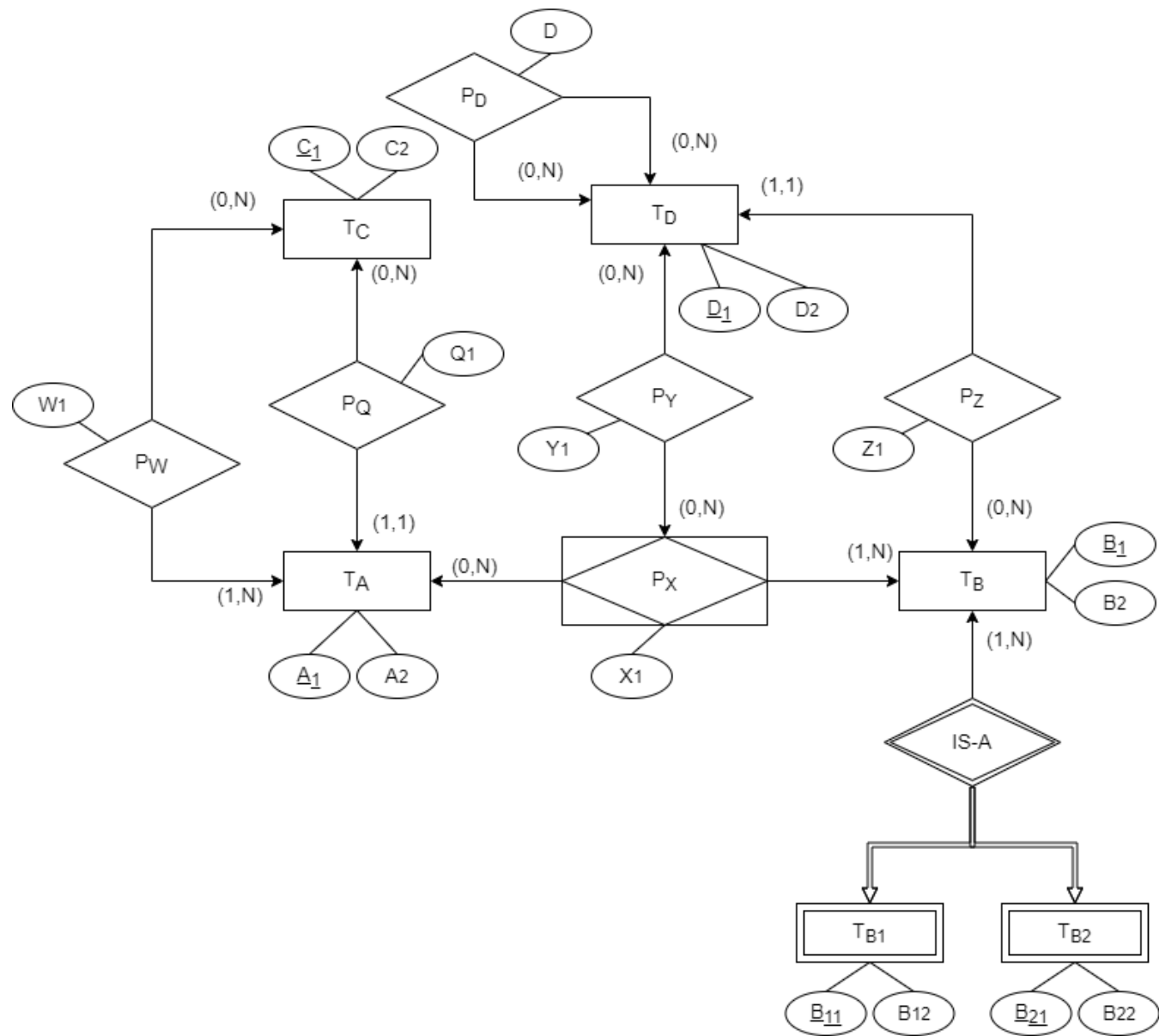
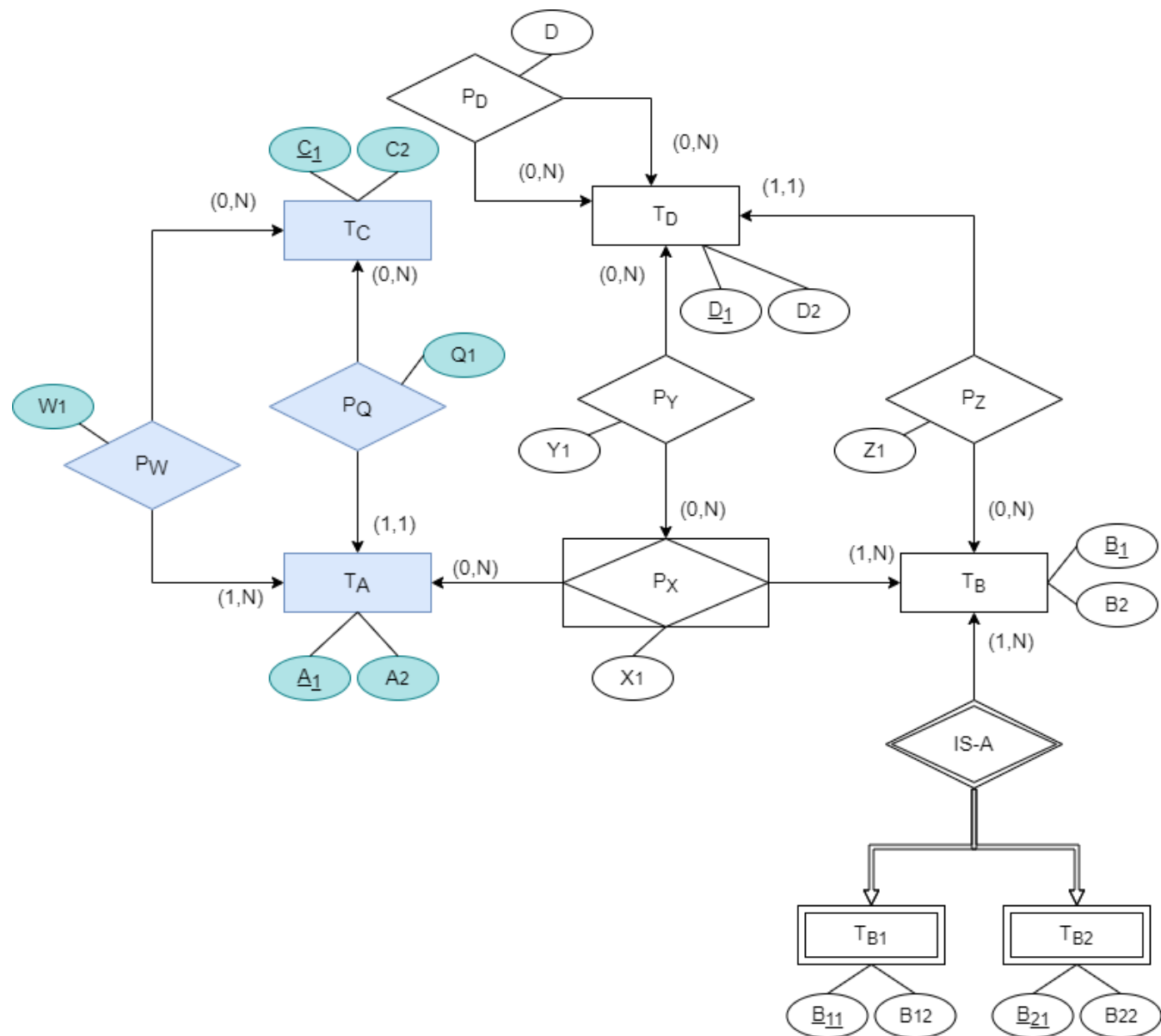


Prevođenje ER šeme u relacionu šemu BP

primer





$$T_C(\{C_1, C_2\}, \{C_1\})$$

$$T_A(\{A_1, A_2, C_{11}, Q_1\}, \{A_1\})$$

$$P_W(\{A_1, C_1, W_1\}, \{A_1 + C_1\})$$

$$P_W[A_1] \subseteq T_A[A_1]$$

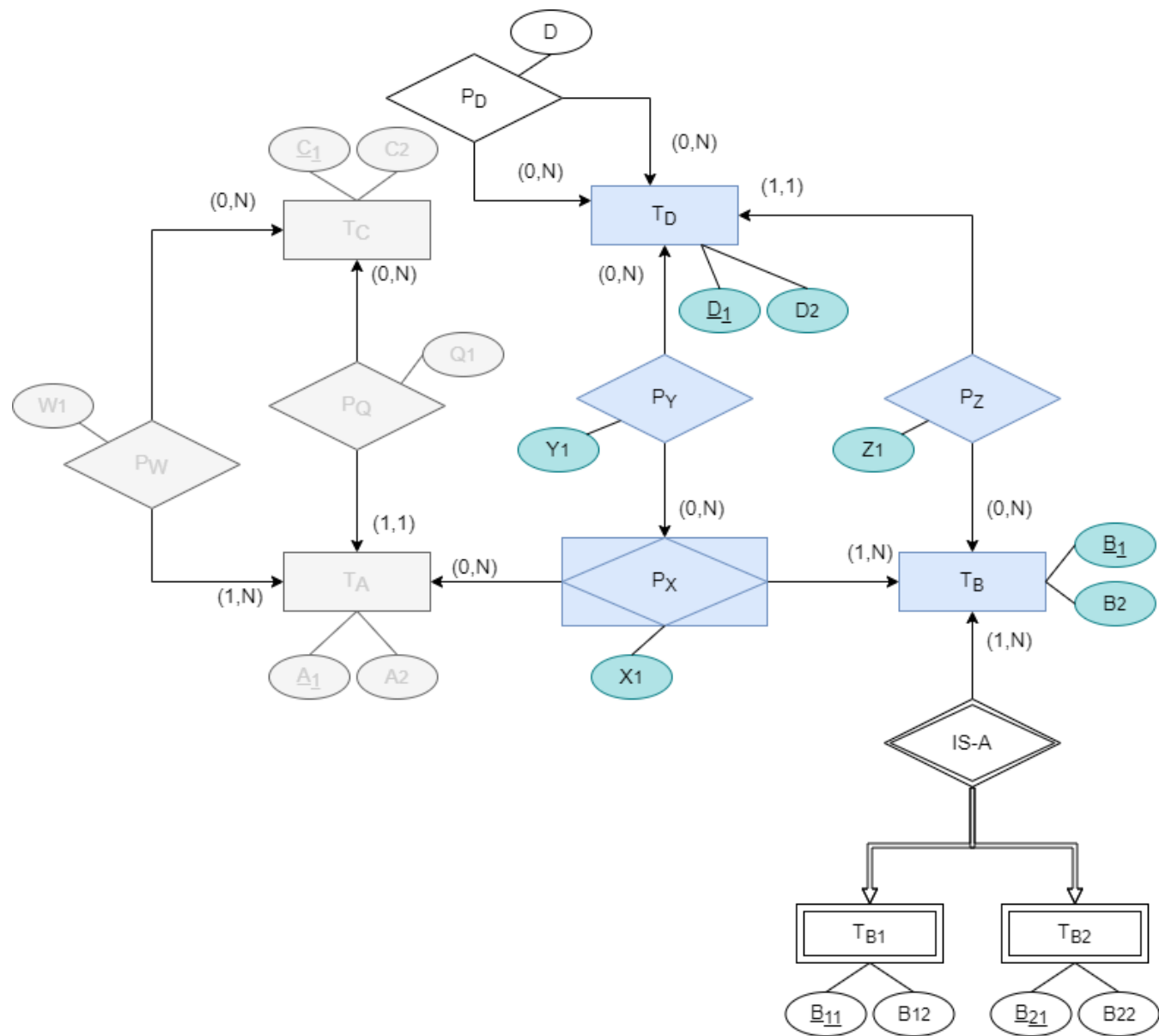
$$T_A[A_1] \subseteq P_W[A_1]$$

$$P_W[C_1] \subseteq T_C[C_1]$$

$$T_A[C_{11}] \subseteq T_C[C_1]$$

$$\text{dom}(C_{11}) \subseteq \text{dom}(C_1)$$

$$\text{Null}(T_A, C_{11}) = \perp$$



$$T_B(\{B_1, B_2\}, \{B_1\})$$

$$P_X(\{A_1, B_1, X_1\}, \{A_1 + B_1\})$$

$$P_X[A_1] \subseteq T_A[A_1]$$

$$P_X[B_1] \subseteq T_B[B_1]$$

$$T_B[B_1] \subseteq P_X[B_1]$$

$$T_D(\{D_1, D_2, B_1, Z_1\}, \{D_1\})$$

$$T_D[B_1] \subseteq T_B[B_1]$$

$$\text{Null}(T_D, B_1) = \perp$$

$$P_Y(\{D_1, A_1, B_1, Y_1\}, \{D_1 + A_1 + B_1\})$$

$$P_Y[D_1] \subseteq T_D[D_1]$$

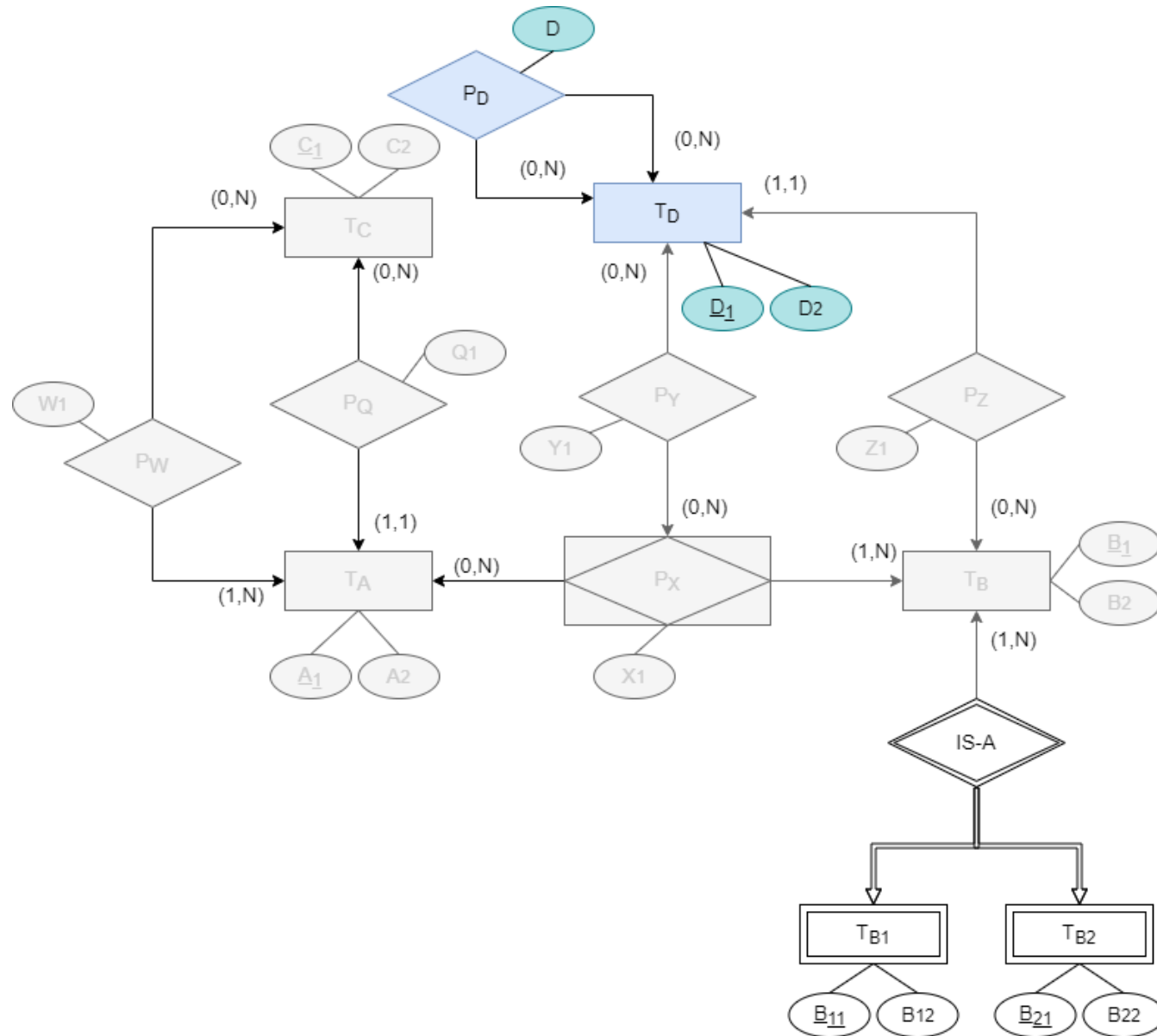
$$P_Y[A_1 + B_1] \subseteq P_X[A_1 + B_1]$$

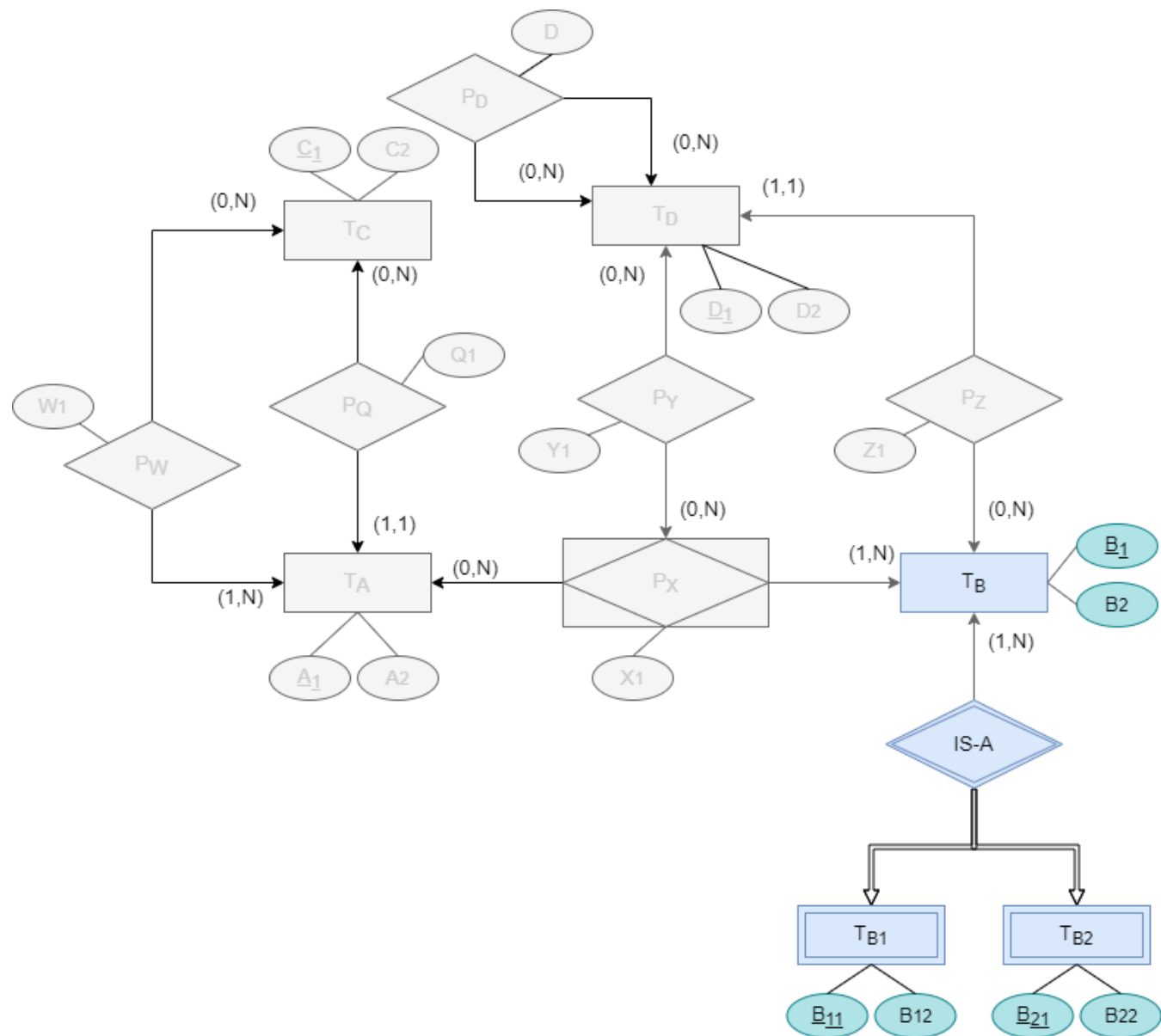
$$P_D(\{D_1, D_{11}, D\}, \{D_1 + D_{11}\})$$

$$P_D[D_1] \subseteq T_D[D_1]$$

$$P_D[D_{11}] \subseteq T_D[D_1]$$

$$\text{dom}(D_{11}) \subseteq \text{dom}(D_1)$$





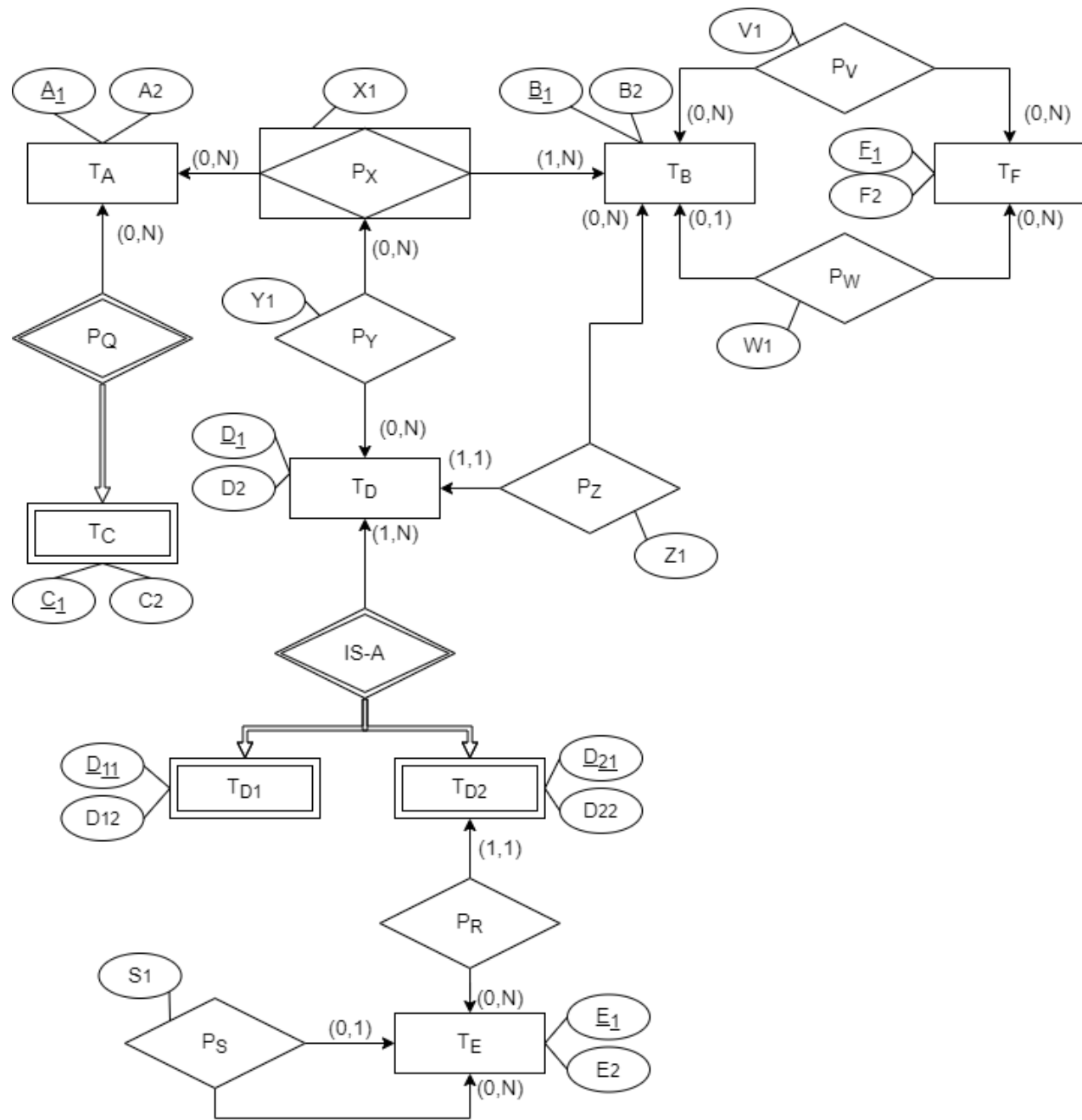
$$T_{B1}(\{B_1, B_{11}, B_{12}\}, \{B_1, B_{11}\})$$

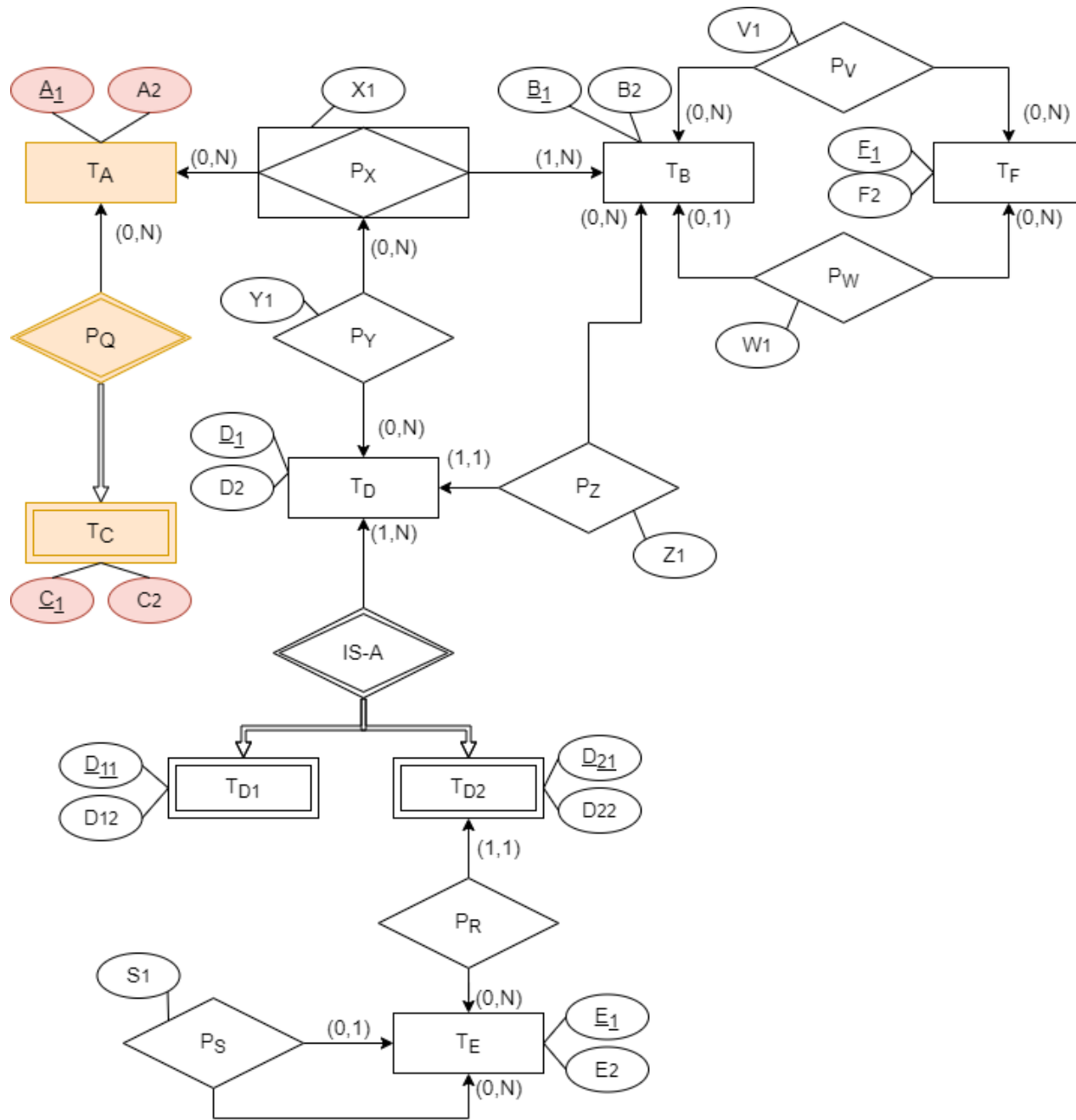
$$T_{B2}(\{B_1, B_{21}, B_{22}\}, \{B_1, B_{21}\})$$

$$T_{B1}[B_1] \subseteq T_B[B_1]$$

$$T_{B2}[B_1] \subseteq T_B[B_1]$$

$$T_B[B_1] \subseteq T_{B1}[B_1] \cup T_{B2}[B_1]$$



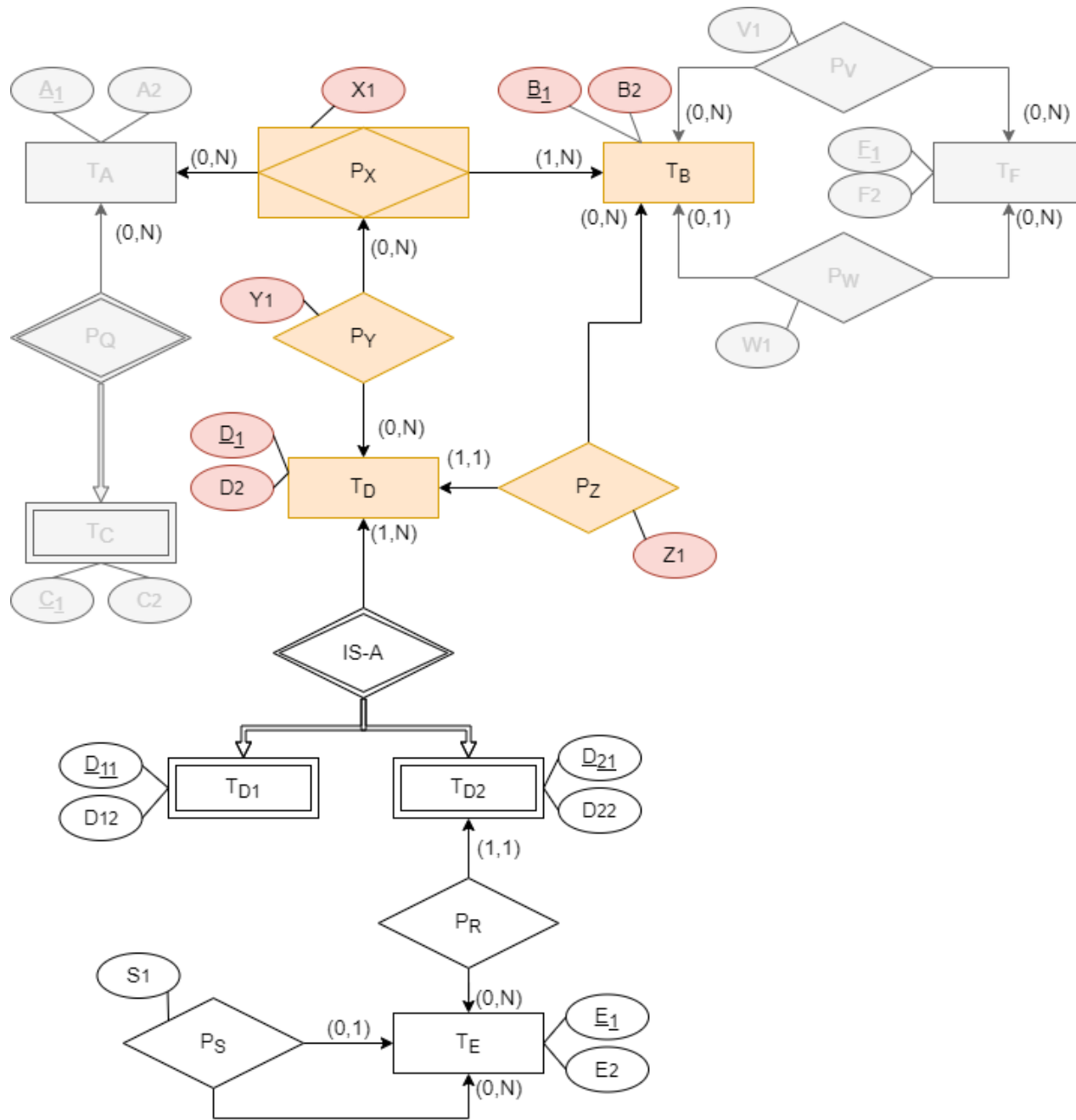


$$T_A(\{A_1, A_2\}, \{A_1\})$$

$$T_C(\{C_1, C_2, A_1\}, \{A_1 + C_1\})$$

$$T_C[A_1] \subseteq T_A[A_1]$$

$$\begin{array}{l} P_V[F_1] \subseteq T_F[F_1] \\ P_V[B_1] \subseteq T_B[B_1] \end{array}$$



$$P_X(\{A_1, B_1, X_1\}, \{A_1 + B_1\})$$

$$P_X[A_1] \subseteq T_A[A_1]$$

$$P_X[B_1] \subseteq T_B[B_1]$$

$$T_B[B_1] \subseteq P_X[B_1]$$

$$T_D(\{D_1, D_2, B_1, Z_1\}, \{D_1\})$$

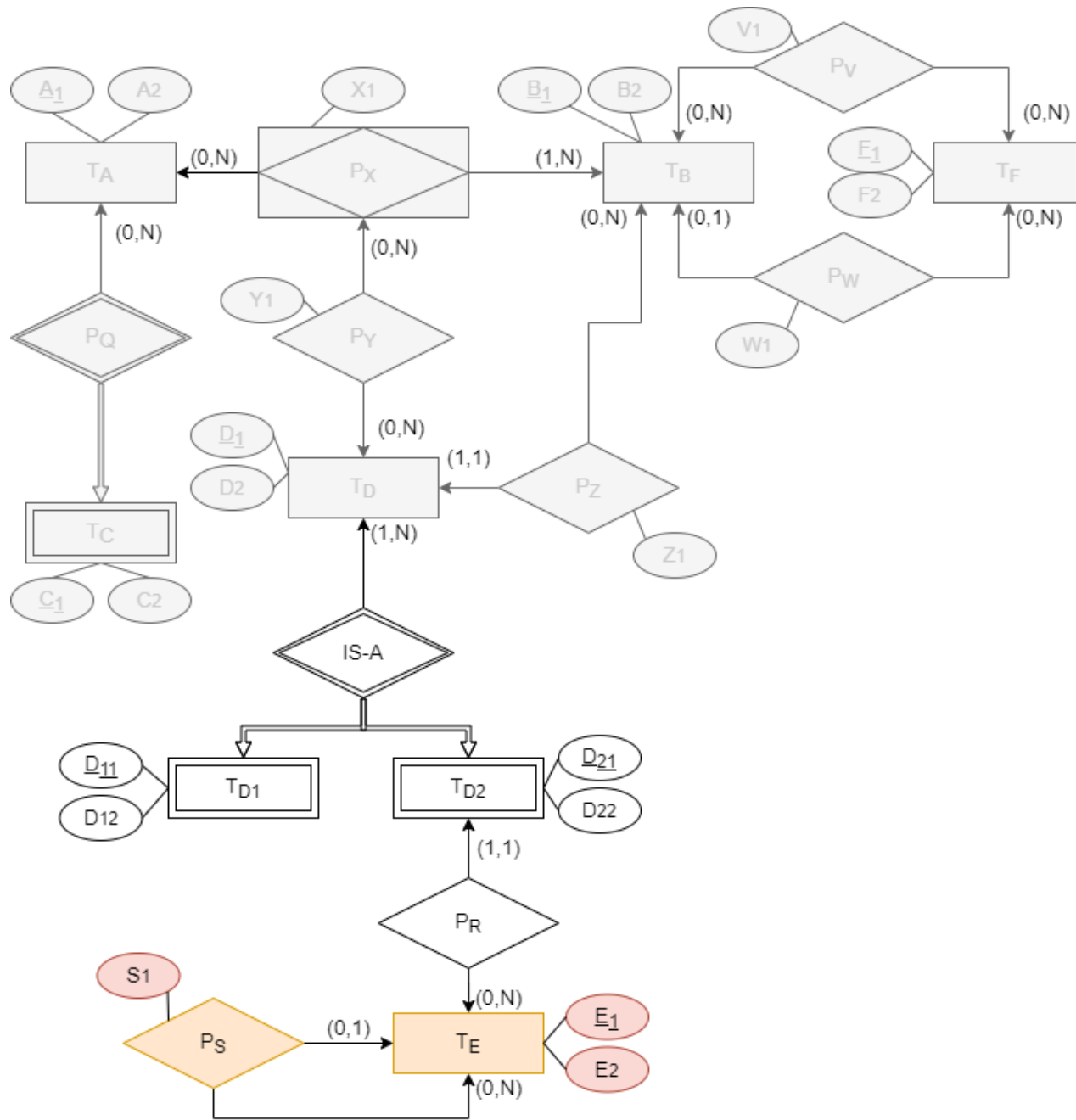
$$P_Y(\{D_1, A_1, B_1, Y_1\}, \{A_1 + B_1 + D_1\})$$

$$T_D[B_1] \subseteq T_B[B_1]$$

$$\text{Null}(T_D, B_1) = \perp$$

$$P_Y[D_1] \subseteq T_D[D_1]$$

$$P_Y[A_1 + B_1] \subseteq P_X[A_1 + B_1]$$

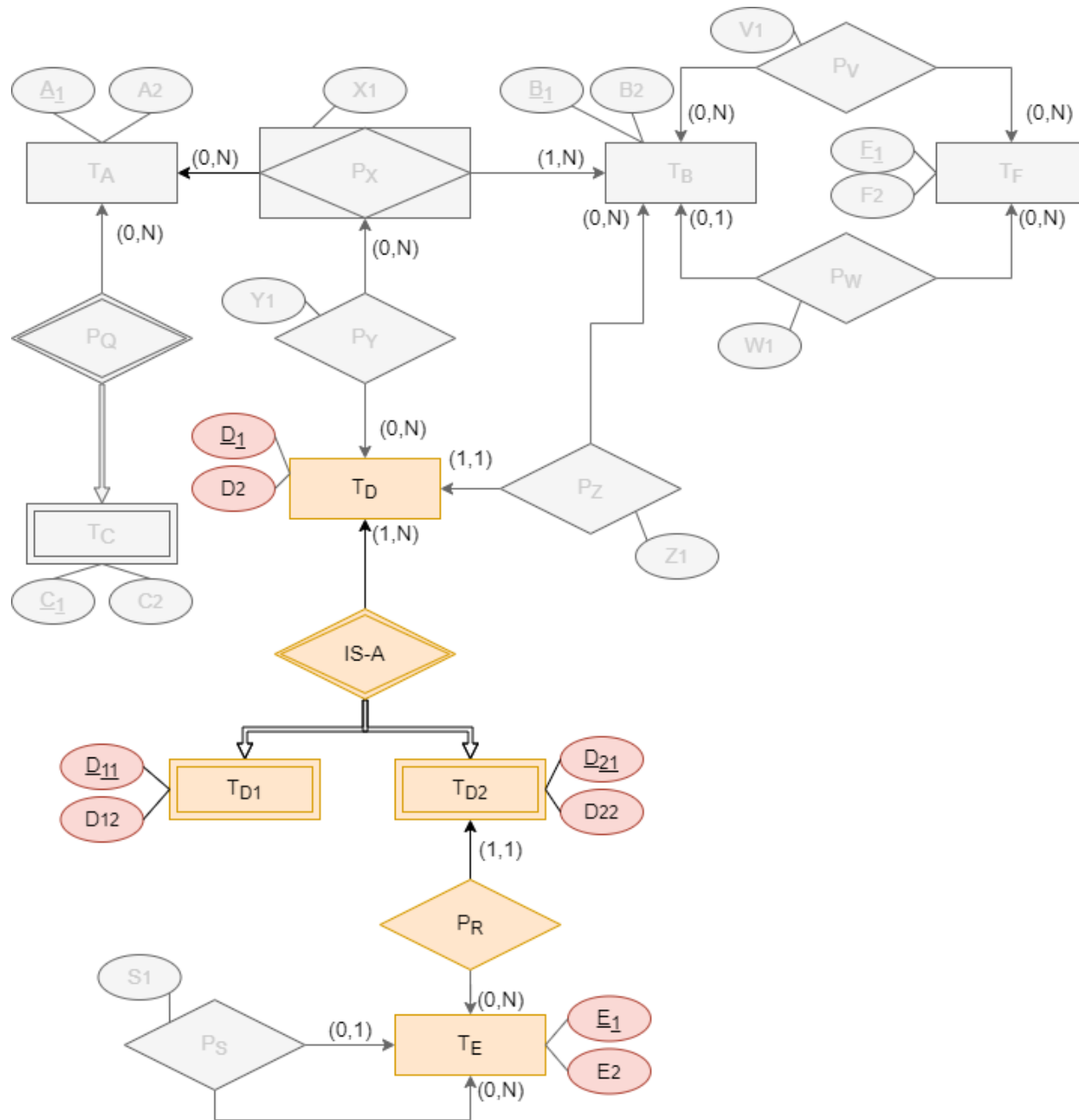


$$T_E(\{E_1, E_2, E_{11}, S_1\}, \{E_1\})$$

$$T_E[E_{11}] \subseteq T_E[E_1]$$

$$\text{dom}(E_{11}) \subseteq \text{dom}(E_1)$$

$$\text{Null}(T_E, E_{11}) = T$$



$$T_{D1}(\{D_{11}, D_{12}, D_1\}, \{D_1, D_{11}\})$$

$$T_{D2}(\{D_{21}, D_{22}, D_1, E_1\}, \{D_1, D_{21}\})$$

$$T_{D1}[D_1] \subseteq T_D[D_1]$$

$$T_{D2}[D_1] \subseteq T_D[D_1]$$

$$T_D[D_1] \subseteq T_{D1}[D_1] \cup T_{D2}[D_1]$$

$$T_{D2}[E_1] \subseteq T_E[E_1]$$

$$Null(T_{D2}, E_1) = \perp$$