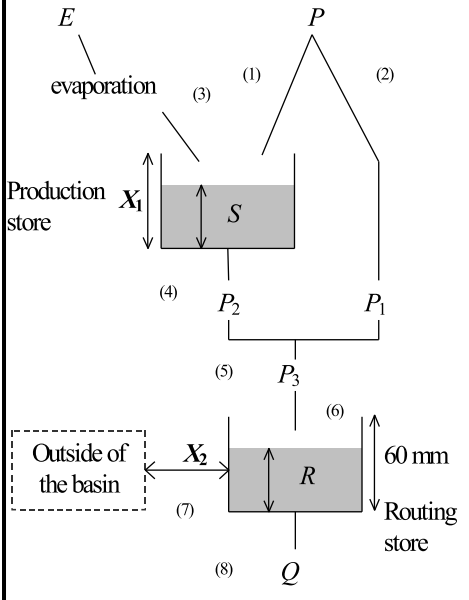

(1) $$S_1 = \frac{S + X_1\varphi}{1 + \varphi\frac{S}{X_1}} \quad \text{with} \quad \varphi = \tanh\left(\frac{P}{X_1}\right)$$

(2) $$P_1 = P + S - S_1$$

(3) $$S_2 = \frac{S_1(1-\psi)}{1+\psi\left(1-\frac{S_1}{X_1}\right)} \quad \text{with} \quad \psi = \tanh\left(\frac{E}{X_1}\right)$$

(4) $$S = \frac{S_2}{\left[1+\left(\frac{S_2}{X_1}\right)^3\right]^{1/3}} \qquad P_2 = S_2 - S$$

(5) $$P_3 = P_1 + P_2$$

(6) $$R_1 = R + P_3$$

(7) $$R_2 = X_5 . R_1$$

(8) $$Q = \frac{R_2^2}{R_2 + 60} \qquad R = R_2 - Q$$