$$\sqrt{=L^2 \cdot H \cdot N} \quad [m^3]$$

Contraintes:

$$N \leq \left(\frac{L_{TOT} - x}{1,2+x}\right)^2$$

Formules :

3)
$$P = \underbrace{(N \times dT)^{2}}_{2R;} - \underbrace{(N \times dT)^{2}R_{i}}_{(2R;)^{2}}$$

$$P = \underbrace{(N \times dT)^{2}}_{4Ri} - \underbrace{(N \times dT)^{2}}_{4Ri}$$

$$P = \frac{4R_{1}(NxdT)^{2} - 2R_{1}(NxdT)^{2}}{8R_{1}^{2}}$$

$$P = \frac{2R \cdot (N \times dT)^2}{8R \cdot c^2}$$

$$P = \frac{(N \times dT)^2}{4Ri}$$
Puissance
maximale
optimiser
changemen

maximale à optimiser avant changement des variables.

$$\frac{H}{R_i} = N \cdot p_T \cdot \frac{H}{L^2}$$

$$(5)$$
 dT = $\frac{Q}{K_0}$

$$7 K_P = \frac{k_P L^2_{TOT}}{H_P}$$

$$\begin{array}{cccc}
9 & L_{TOT} = N_{10}(L+x) + x \\
& \frac{L_{TOT} - x}{N_{10}} = L + x \\
& L = \frac{L_{TOT} - x}{N_{10}} - x
\end{array}$$

(10)
$$dT = \frac{K}{K + 2K_0} \Delta T$$