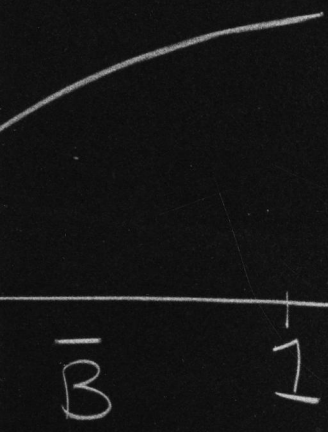
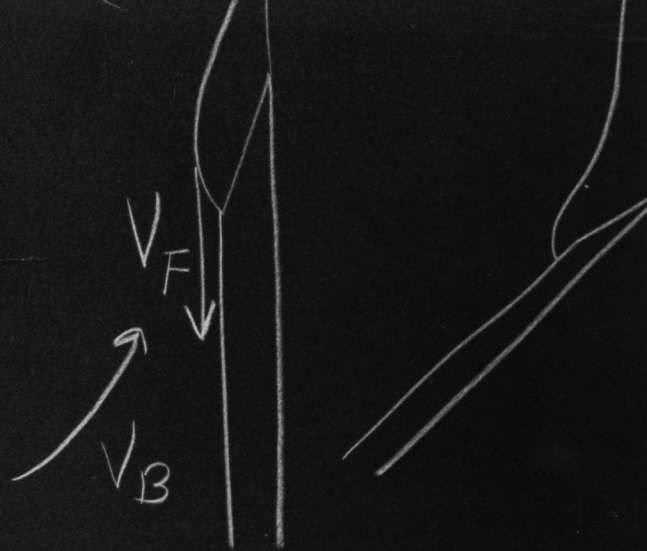


$$V_B = \left(2^2 g \frac{\Delta H_c M_{ox\infty}}{T_{\infty} C_p} \right)^{1/3}$$



$$\tilde{T}_P = \frac{\sqrt{2} k_s}{\rho C_p V_B} \left(\frac{T_u - T_{\infty}}{T_f - T_u} \right)$$

$$\overline{V}_F = f(\overline{B}) = \frac{\rho_s C_s V_F \tilde{T}_P}{\sqrt{2} k} \left(\frac{T_u - T_{\infty}}{T_f - T_u} \right)$$

$$\overline{B} = \frac{B k M_{ox\infty}}{M_{ox} C_p \left(2^2 g \frac{\Delta H_c M_{ox\infty}}{T_{\infty} C_p} \right)^{2/3}} \left(\frac{\overline{T}_f}{\overline{T}} \right)^3 - \overline{T}_g / \overline{T}_f$$