PRINCIPLES II - EQUATIONS II

$$\text{TDS ‰} = 0.073 + 1.811\text{Cl ‰} \qquad P = \rho gh \qquad V = \frac{0.0127}{\sqrt{\sin\varphi}} W_{10}$$

$$CF = 2\Omega(\sin\varphi)V \qquad \sin\theta_2 = \sin\theta_1 \frac{v_2}{v_1} \qquad I_{x\lambda} = I_{o\lambda} e^{-2\upsilon x} \qquad WS = C_D \rho' W_{10}^2$$

$$V = \frac{2g(\rho_s - \rho_f)r^2}{9\mu} \qquad t = (1/\lambda)\ \ln \frac{A_{initial}}{A_{today}} \qquad F = ma \qquad S ‰ = 1.80655\text{Cl ‰}$$

$$I_{x\lambda} = I_{o\lambda} e^{-\alpha_\lambda x} \qquad D = \frac{3.67\sqrt{W_{10}^3}}{\sqrt{\sin\varphi}} \qquad d = \frac{1}{2} a t^2 \qquad \Delta v = \frac{6.72 \times 10^3 \overline{i_{\sigma_t}} (\sigma_{t_2} - \sigma_{t_1})}{\sin\varphi}$$