$$F(z-b) = -i \int_{2\pi}^{\pi} \ln (z-b)$$

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Superposed
$$f = -i \frac{\Gamma}{2n} \ln \frac{2-b}{2+b}$$

$$= -i \frac{\Gamma}{2n} \ln \frac{2-b}{(x+iy-b)}$$

$$= -i \frac{\Gamma}{2n} \ln \frac{(x+iy-b)}{(x+iy+b)}$$

$$=\frac{\Gamma\left[\theta_{2}-\theta_{1}\right]}{2\pi\ln\left(\frac{r_{2}}{r_{1}}\right)}$$

= 29 [tan y - tan

$$=-i\frac{\Gamma}{2n}\ln\left[\frac{(x+iy)+iy}{(x+b)+iy}\right]$$

$$=-i\frac{\Gamma}{2n}\ln\frac{\eta_{2}e^{i\theta_{2}}}{\eta_{2}e^{i\theta_{1}}}$$

$$\Phi = \frac{\Gamma}{2n} \left[\theta_2 - \theta_1 \right] \\
\varphi = -\frac{\Gamma}{2n} \ln \left(\frac{r_2}{r_1} \right).$$

 $=-i\frac{\Gamma}{2\eta}\ln\left(\frac{r_2}{\eta}\right)+\frac{1}{2\eta}\left[\theta_2-\theta_1\right]$

 $=-i-\ln\left(\frac{r_2}{r_1}\right)-i-\frac{1}{2\pi}i\left[\frac{\theta_2}{\theta_2}-\frac{\theta_1}{\theta_2}\right]$

$$v_{y} = \frac{94}{97} = \frac{1}{27} \left[\frac{1}{1 + \frac{y^{2}}{(a-b)^{2}}} \frac{1}{(a-b)^{2}} - \frac{1}{1 + \frac{y^{2}}{(a+b)^{2}}} \frac{1}{(a+b)^{2}} \right]$$

$$= \frac{1}{27} \left[\frac{x-b}{(x-b)^{2}} - \frac{x+b}{(x+b)^{2}} \right]$$

$$\frac{(i)}{\text{Constant}} \int_{\text{Penhorstant}}^{\text{Constant}} \int_{\text{Penhorstant}}^{\text{PM}} \int_{\text{RT}}^{\text{PX}} \frac{P \times 0.029}{8.314 \times (243 + 30)}$$

$$\frac{dP}{dP} = P g d = -\frac{0.029 \times 9.8}{8.314 \times 303} P d = \frac{10.013 \times 10^{5}}{6} (1)^{3} = \frac{10.06}{10.013 \times 10^{5}} = -\frac{10.029 \times 10.013 \times 10^{5}}{10.013 \times 10^{5}} = -\frac{10.029 \times 10.013 \times$$

$$\beta = \frac{P \times 0.029}{8.314 \left[303 - 0.00052 \right]}$$

$$dl = -pq dz = \frac{-P \times 0.029 \ q}{8.314} \frac{dz}{303 - 0.0065 \ z}$$

$$\frac{P}{P_0} = -\frac{0.0298}{8.314} \left[\ln \left(308 - 0.00652 \right) \left(-0.0065 \right) \right]^{\frac{2}{2}-\frac{3}{2}}$$

$$0.029 \times 9.81 \times 0.0065 \left(303 - 0.0065 \right)$$

$$= \frac{0.029 \times 9.81 \times 0.0065}{8.314} \left(\frac{303 - 0.0065}{303} \right)$$

$$T = T_0 - \beta \stackrel{?}{=}$$

$$\frac{dP}{dz} = -\beta \stackrel{?}{=} -\beta \frac{PM}{RT} = -\beta \frac{PM}{R(T_0 - \beta \stackrel{?}{=})}$$

$$\frac{dP}{P} = -\beta \frac{M}{R} \frac{dz}{(T_0 - \beta \stackrel{?}{=})} \stackrel{?}{=} \left[\frac{T_0 - 2\beta}{T_0} \right] \stackrel{R/S}{R/S}$$
Find 2

$$\frac{P_{1}}{g} + 2_{1}g + \frac{V_{1}^{2}}{2} = \frac{P_{2}}{p} + 3_{2}g + \frac{V_{2}}{2}$$

$$\Rightarrow \left(\frac{P_{1}}{g} + 3_{1}g\right) - \left(\frac{P_{2}}{p} + 3_{2}g\right) + \frac{V_{1}^{2} - V_{2}}{2} = 0$$

$$P_1 - [P_2 + (2_2 - 3_1) S_9] = 0.05 (S_{mano} - S_{oil})$$

$$= \left[\frac{f_2 + c_2}{g_1} + c_1 q\right] - \left(\frac{f_2}{g_1} + c_2 q\right) = \frac{0.05 \left(\frac{g_1}{g_2} + c_2 q\right)}{g_2} = \frac{0.05 \left(\frac{g_1}{g_2} + c_2 q\right)}{g_2}$$

$$D_1 = 0.4$$
 $D_2 = 0.2$

1th above in 29h (2)

$$0.05 (13600 - 700)9 + \sqrt{2} - 16\sqrt{2} = 0$$

 700

$$700$$

$$=) \frac{15 \, \text{V}_1^2}{2} = 0.05 \left(\frac{13600 - 700}{9} \right) \frac{9}{700}$$