$$05 = 0.33$$
 $4 = 0.3328$ 
 $5 = 0.3328$ 
 $5 = 0.4007$ 
 $5 = 0.4007$ 

$$\frac{9.08 = 1.576 - 1.2 = .376}{52 = \left| \ln(\frac{9.05}{100}) \right|} = 0.2972.93168$$

$$Wd = \frac{2\pi}{T} = \frac{2\pi}{15.945500} = 0.3940536411$$

$$W_{n} = \frac{Wd}{\sqrt{1-g_{2}^{2}}} = \frac{0.394}{\sqrt{1-0.3328^{2}}} = 0.4127126447$$

$$\frac{5^{2}+25 Wn^{2}}{5^{2}+25 Wn^{2}+Wn^{2}}$$

$$= \frac{(1.2)(0.6656)^{2}}{5^{2}+2(0.3328)(0.6656)+(0.6656)^{2}}$$

$$= 0.531575(004)$$

$$\frac{5^{2}+0.4430015129}{5^{2}+0.442979667}$$

$$4.05 = 70.6\%$$

$$4 = \left| \ln \left( \frac{200}{100} \right) \right| = 100$$

$$100$$

$$T = (1.235 \times 10^4) - 2339 = 10,011 \text{ms}$$

$$Wd = \frac{2\pi}{T} = \frac{2\pi}{10,011ms} = 0.62763$$

$$W_{n} = \frac{Wd}{\sqrt{1-9^{27}}} = \frac{0.62763}{\sqrt{1-0.3328^{27}}} = 0.6656$$

$$(655671769)$$

$$\frac{5^{2}+25 Wn^{2}}{5^{2}+25 Wn^{2}+Wn^{2}}$$

$$= \frac{(1.2)(0.6656)^{2}}{5^{2}+2(0.3328)(0.6656)+(0.6656)^{2}}$$

$$= 0.5315756004$$

$$\frac{5^{2}+0.4430015129}{5^{2}+0.442979667}$$