$I = \frac{1}{2} [\cos((3+3)\theta) + \cos((3-3)\theta)] = \frac{1}{2} [\cos(6\theta) + 1]$ 

 $(0.9 \cdot (0.3^3(30)) = \frac{1}{14} [(0.56 \cdot (0.540 + (0.560 \cdot (0.520 + (0.540) + (0.5420))]$ 

\* 
$$(0.60) \cdot (0.100) = \frac{1}{2} [(0.1(6+4)0) + (0.16-4)0] = \frac{1}{2} ((0.100) + (0.100)$$

$$= \frac{1}{12} [\cos(10.6) + \cos(80) + 3 \cdot \cos(40) + 3 \cdot \cos(40)]$$

$$= \frac{1}{12} [\cos(10.6) + \cos(80) + 3 \cdot \cos(40) + 3 \cdot \cos(40)]$$

=  $\frac{1}{8} \left[ \frac{1}{8} \times \frac$ 

 $= \frac{1}{40} \left( -\frac{\sqrt{3}}{2} \right) + \frac{1}{22} \left( -\frac{\sqrt{3}}{2} \right) + \frac{9}{22} \frac{\sqrt{3}}{2} = \frac{9}{40} \frac{\sqrt{3}}{2} = \frac{9\sqrt{3}}{20}$ 

=  $\frac{1}{40}$  Nm  $\left(\frac{5\pi}{3}\right)$  +  $\frac{1}{32}$  Nm  $\left(\frac{4\pi}{3}\right)$  +  $\frac{9}{32}$  Nm  $\left(\frac{2\pi}{3}\right)$ 

· Integrando :

$$\begin{array}{c} \text{Integrands:} \\ \text{Integrands:} \\ \int \frac{1}{8} \left[ \cos(100) + \cos(80) + 3\cos(40) + 3\cos(20) \right] d\theta = \frac{1}{8} \left[ \frac{\lambda_{\text{BM}}(100)}{10} + \frac{\lambda_{\text{BM}}(80)}{8} + \frac{3}{4} \cdot \frac{\lambda_{\text{BM}}(100)}{10} + \frac{3}{4} \cdot \frac{\lambda_{\text{BM}}(100)}{10} \right]^{\frac{1}{2}} \\ \text{Tr.} \end{aligned}$$

 $= \underbrace{1}_{8} \underbrace{\left[ \underbrace{10}_{10} \left( \frac{10\pi}{6} - \frac{10\pi}{6} \right) + \underbrace{\frac{1}{8}}_{8} \left( \frac{8\pi}{6} - \frac{10\pi}{6} \right) + \underbrace{\frac{9}{4}}_{10} \left( \frac{10\pi}{6} - \frac{10\pi}{6} - \frac{10\pi}{6} \right) + \underbrace{\frac{9}{4}}_{10} \left( \frac{10\pi}{6} - \frac{10\pi}{6} - \frac{10\pi}{6} \right) + \underbrace{\frac{9}{4}}_{10} \left( \frac{10\pi}{6} - \frac{10\pi}{6} - \frac{10\pi}{6} - \frac{10\pi}{6} \right) + \underbrace{\frac{9}{4}}_{10} \left( \frac{10\pi}{6} - \frac{10\pi}{6} -$