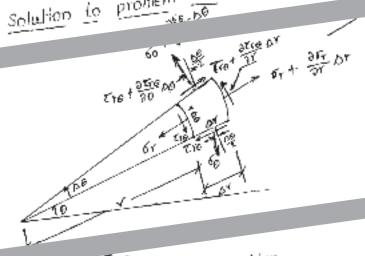
## Solutions to HIW Problems

0

## Chapter 4

Solution to problem 4.3:



in anit thickness in z direction

ii) unit thickness in 
$$\frac{\Delta \theta}{2} = \frac{\Delta \theta}{2}$$
.  $\cos \frac{\Delta \theta}{2} = \frac{\omega}{2}$ .

$$\sum G = 0 \Rightarrow -G(Y \triangle B) + (G(A) + G(G(A)) + (G(A) + G(G(A)))$$

$$\sum G = 0 \Rightarrow -G(Y \triangle B) + (G(A) + G(G(A)) + (G(A) + G(G(A)))$$

15-1380 AN SIDE 1AD - 700 (03A6 IAM+ (86+ )216 AB) (010 \$ (01) = 0

$$\Rightarrow 610700 + \frac{36}{37} + 5100 + \frac{36}{37} + (0000 - 26) + \frac{26}{2}$$

$$\Rightarrow 610700 + \frac{36}{37} + 5100 + \frac{37}{37} = 0000 + 20$$

$$\Rightarrow \frac{36}{37} + \frac{1}{7} \frac{377}{36} + \frac{67 - 66}{7} + \frac{1}{7} \left( \frac{367}{37} \Delta r - \frac{369}{36} \frac{\Delta \theta}{2} \right) = 0.$$