$h_* J_x = \frac{J_x}{J_y} J_y + \frac{J_x}{J_y} J_y + \frac{J_x}{J_y} J_y = \sin\theta \cos\phi J_y + \cos\theta \cos\phi J_y - \sin\theta \sin\theta J_y$ h\* g= ving sind g + Lens Ozina g + Ling G corb g  $h_{*} d_{2} = \cos \theta d_{\gamma} - \gamma \sin \theta d_{\theta}$  $h_* v_1 = r \sin \theta \sin \phi (\cos \theta) - r \sin \theta \partial_{\theta}) - r \cos \theta (\sin \theta) \sin \phi \partial_{\tau} + r \cos \theta \sin \phi \partial_{\theta} - r \sin \theta \cos \phi \partial_{\phi}) =$  $= (x vin \theta vin b cor \theta - x cor \theta vin \theta vin b) dx + (-x vin - x vin b - x vin b) d9 + x vin b (020) cor b) cor b d0 =$  $= -r^2 \sin \phi \, \partial_{\theta} + r^2 \sin \theta \cos \phi \, \partial_{\phi}$  $h_*v_2 = r sin \theta \cos \phi (\cos \theta) d_r - r sin \theta d_\theta) - r \cos \theta (sin \theta \cos \phi) d_r + r \cos \theta \cos \phi d_\theta - r sin \theta sin \phi d_\phi) =$  $= (NNN D (OSO)^{2} + (Aso) D (OSO) D + (-N^{2}N^{2}D (OSD) D + N^{2} (OSD) D NN D NN D NN D NN D NN D NN D NN D NN D NN D D NN D D NN D D NN D NN D D NN D NN D NN D NN D NN D NN D NN$ = -r2 cosq do +r2 cos Q sin D sinp dq Ohyba miato by i v3 = x dy - y dx H\*N3 = LUND corb ( Ling sind gr + Lors Drind go + Ling Gord go) - $- \gamma 5 n \theta 5 n \phi (5 n \theta \cos \phi \partial_{\gamma} + 7 \cos \theta \cos \phi \partial_{\theta} - 7 \sin \theta 5 n \phi \partial_{\phi}) =$ = 224129 Ja