Trachen Armanul Reegel This Z = grun O = led 2(x,y,z) la led 0 dV $\left| \begin{array}{c|c}
\frac{\partial x}{\partial \varphi} & \frac{\partial x}{\partial \varphi} & \frac{\partial x}{\partial \theta} \\
\frac{\partial y}{\partial \varphi} & \frac{\partial y}{\partial \varphi} & \frac{\partial y}{\partial \theta} \\
\frac{\partial z}{\partial \varphi} & \frac{\partial z}{\partial \varphi} & \frac{\partial z}{\partial \theta}
\end{array} \right| d\varphi d\ell d\theta$ - 9 rin 4 cos 0 (rin 4 cos 09 · 9 rin 4 rin 6) - 9 cos 9 cos 0 (cos 4 cos 04 + 9 cos 6 rin 6) Do d 4 d 0 = -9 rin 4 cos O (min 4 (ws 0 + rin 8 0)) - 9 cos 4 cos O (9 ws 4 (cos 0 + rin 2 0)) do d 4 d 0 = - raina las 0 - rasa los O des del O - 42 cos 0 (ris 2 4 + cos 2 9) dr d 4 d 0 = 92 cos O do d 4 d O 1 = 0 / 2 cas 0 dV ρ /2 1 5 8 cos θ d θ = p217 = 2 = 4