して・ハ・2_0 Line integral example: ひー えるか ナ プスカ ナ マタチを L> Do the line 5 5.22 integral over path Sex na dy g ナ らま き from A (1, 1,0) J. El = 2 g dr + ger dg + xfz dz 3 (2,2,0) 1 - 2 3 de + 1 2 3 x 6 3 とごニネとマ レムア= ゔシットネとす Dirergence Thi

 $\int (\vec{r} \cdot \vec{r}) d\vec{r} = \vec{r} \cdot \vec{r} \cdot \vec{r}$ fl mx

Stoke's Th:	
$ \int (\nabla x \overline{y}) \cdot d\overline{a} = \int (\nabla x \overline{y}) \cdot d\overline{y} = $	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-de Clarect	determined by ins determined by ins deing are und the edge Ext). Let depends o on boundary line d independent of the chape of the surface
For visual demonstration, go to the following link: https://mathinsight.org/stokes_theorem_ide perpendicular%20to%20the%20surface.)&text=Stokes%20theorem%20says%20the%20surface.) Spherical continue (n, 3, 7) Spherical (n, 3, 7)	the bondany ea#:~:text=(Recall%20that%20a%20surface%20integral,field%20 ace,where%20C%3D%E2%88%82S%20)

n-s distance from origin

D-> angle from z-axis (polar angle)

D-> angle around from x-axis

Cazi muttel angle)