Volume Integrated. Let F be Vector point function and Volume V enclosed by a closed Surface. The volume integral = III Fdv 哥干=220-29+4院 Evaluate IIIFdu Whose Vis the segion Dounded by the Surface.

N=0, N=0, N=2, N=4, Z=2, Z=2 Solution dr = dudy dz MF.dv = [270-N5+yii] dndydz $\left(\frac{2}{2}\right)^{3} \left(\frac{2}{2}\right)^{3} \left(-\frac{2}{3}\right)^{3} \left(-\frac{2$ 2.23-277+24k dydz 1 4/97/3-2 N/97/3 + 2x [2] o dz 2/162-8×3+1867 dz

$$[(e[x]_{0}^{2} - s[x]_{2}^{2}]_{0}]_{0} = [s[x]_{0}^{2} - s[x]_{2}^{2}]_{0}]_{0}$$

$$[(e[x]_{0}^{2} - s[x]_{2}^{2}]_{0}]_{0} = [s[x]_{0}^{2} + s[x]_{0}^{2}]_{0} + s[x]_{0}^{2}]_{0}$$

$$[(e[x]_{0}^{2} - s[x]_{0}^{2}]_{0}]_{0} = [s[x]_{0}^{2} + s[x]_{0}^{2}]_{0} + s[x]_{0}^{2}]_{0}$$

$$[(e[x]_{0}^{2} - s[x]_{0}^{2}]_{0}]_{0} = [s[x]_{0}^{2}]_{0} + s[x]_{0}^{2} + s[x]_{0}^{2}]_{0}$$

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$$[(e[x]_{0}^{2} - s[x]_{0}^{2}]_{0} = [s[x]_{0}^{2}]_{0} + s[x]_{0}^{2}]_{0} + s[x]_{0}^{2}$$

$$[(e[x]_{0}^{2} - s[x]_{0}^{2}]_{0} = [s[x]_{0}^$$