Calculate the expression in 4-0 space cins: Envape absolv 1x/ where In = 1 : k.x = kuk . R Ix = J Xyy ; k is a constant 4-vedo. We have gur - Nur: 1/null= (0-100) Looking at the free 8 dunmy indices: (Say) And = Envar. E abs of) 1 scl (k.x)2 -) Using the identity for changing order of indice, we welt-Emrap = (-)Enarp = (-1) Eanyp = (1) tangy = (1) taguy. = 6 aguy. -) None, using the general identity:
timik the circuit of the ci $E_{XBUV} = 2! S_{UV} = 2 S_{UV} = 2 S_{U} S_{V}^{Y}$ $= 2! S_{UV} = 2 S_{UV} = 2 S_{U} S_{V}^{Y}$ $= 2! S_{UV} = 2 S_{UV} = 2 S_{U} S_{V}^{Y}$ So, we get:- $A_{\mu} = 2 \left(\int_{\mathcal{A}}^{\chi} \int_{\mathcal{A}}^{\xi} \int_{$

 $\Rightarrow A_{2}^{6} = 2 \left[\partial_{xx} \partial^{6} \frac{1}{1} \partial^{4} - \left(\partial_{v} \right)^{2} \frac{1}{1} \partial^{4} \right] S_{xx}^{6}$ $for \ \) = (k \cdot x)^{2} = (k$ (R.)()3) 6/X/ 2 20 + 2 nev 2 y 20 4 xo + hermy) 2/11 (x 6 + x 8) = xc 2/11 Similarly: $\mathcal{J}^{\epsilon}(k, \mathbf{x}) = \mathcal{J}^{\epsilon}(k, \mathbf{x}_{\mathbf{u}}) = k^{*} \mathcal{J}^{\epsilon}(\mathbf{u} = k^{*})$

So, nel get: -Page No.: 26(124) = (k.)(). x6 - 2 lou k6 (k.)()3 (k.x) 1x1 = (kx) x6-21x12k6 $= \frac{|x|(k\cdot x)^3}{|x|(k\cdot x)^2}$ $= \frac{|x|(k\cdot x)^3}{(k\cdot x)^3}$ None! - $\frac{\partial u}{\partial x} \frac{\partial v}{\partial x} = \frac{\partial u}{\partial x} \frac{\partial v}{\partial x} - \frac{\partial u}{\partial x} \frac{\partial v}{\partial x} \frac{\partial v}{\partial x}$ = 3. /x/(k.x)2) 2236-x6 22 (141(k.x)2) 1 x12(k, x)4 2kg/(k·n)3 22(121) - (x/22(k·x)3) = $|\chi((k,x))^2 \int_{M}^{6} - \chi((\lambda y(x)))(k,x)^2 - \chi((\lambda x)) \int_{M}^{6} (\lambda x)^2$ 10112- (k.)04 - 2k° ((k.)()3 Xm/1x1 - 1x1 3(k.)()2 du(k.)() = 124 (k.x) 5m - 20 (xy/21) (k.x) -200 (xx/2) 200 (k.x) -2k ((k.)() x -31)(12 (k.)() kn $= \frac{124^{2}(k\cdot 1)}{5^{2}} = \frac{124^{2}(k\cdot 1$ 1213(k.X)3 -2k6/(k.x))ly-31x12ky 121 (k.x)4

$$| \frac{\partial x}{\partial x} \frac{$$