$$F = \frac{\partial x_{i}}{\partial x_{j}} \stackrel{e}{=} i \otimes E_{j} = \frac{x_{i,j}}{\partial x_{i}} \stackrel{e}{=} i \otimes E_{j}$$

$$= F_{i,j} \stackrel{e}{=} i \otimes E_{j} = F_{i,j} \stackrel{e}{=} i \otimes E_{j} = F_{i,j} \stackrel{e}{=} i \otimes E_{j}$$

$$F = F_{i,j} \stackrel{e}{=} i \otimes E_{j} = F_{i,j} \stackrel{e}{=} i \otimes E_$$

Z on the "i" index