WILSO DE MECANICA TESTICA LODOLFO J. GARCÍA - EJERSICIO CAP. 39 chellios FECHA 22/14/18 Demotror que as manifistamente moranante Lorentz 43K 43K druhe w = 1 Kx + Kx + K2" Dard el madeiret K = (w, K, K, K, K) se aplice la fransformación In Inenta obteniend Kh = (w, (K1), (K2), (K3)) γ = 1 11-β² $\omega' = \chi(\omega - \beta(K^{i}))$ (K1) = 8 (-100+(K1)) (K2) = K2 $\Rightarrow d(k^2) = dk^2$ (K3) = K3 $d(k^3)'=dk^3$ come $k_{i} = -k_{0}^{2} \Rightarrow (k_{i}^{2})^{2} = (k_{0}^{2})^{2} \Rightarrow \alpha = \sqrt{(k_{0}^{2})^{2} + (k_{0}^{2})^{2} + (k_{0}^{2})^{2}}$ $\frac{d^3k}{\omega} = \frac{1}{\omega} dk^4 dk^3 dk^3$ dω $\sqrt{(K^1)^2 + (K^2)^2 + (K^3)^2}$ $2\sqrt{(k')^2+(k^2)^2+(k^3)^2}$ $\delta(1-\beta-1)=\frac{1}{\omega}\left[\delta(\omega-\beta K)\right]=-\frac{1}{\omega}$ a (k') -dk1 3(K1)/(dK2)/(dK3)/ 13K 13(K1)

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