$$||f_{m}(x)-f(n)|| \leq \frac{\varepsilon}{2 \cdot \mu(\varepsilon)} \qquad ||f_{m}(x)-f(n)|| \leq \frac{\varepsilon}{2 \cdot \mu(\varepsilon)} \qquad ||f_{m}(x)-f(n)|| \leq \frac{\varepsilon}{2 \cdot \mu(\varepsilon)} \qquad ||f_{m}(x)-f(n)|| \leq \frac{\varepsilon}{2 \cdot \mu(\varepsilon)} \qquad ||f_{m}-f|| + \int_{\varepsilon} |f_{m}-f|| + \int$$

Y E C INT 3 NEIN 3 B CE M (B) = E E-3 " (+) (++) THAT 15 M m sc COUNTER EXAMPLE (ABOUT PELETING THE "DOMINAINCE CONDITION").



