





X is Pinch - chinesional, the I is compact (because (Bolzano - Weistas)) Someled sets in Rd are compact.
The same closes not hold, i.e. there are
(in a -din) thought sets which does not have a converging subsequence (see 2e)), i.e. I is not compact. 2e) x (n) 1>0 become //x (n)//2 = 1 th but let fell?)* = l? $\langle f, \chi \rangle = \sum_{k=1}^{n} f_k \cdot \chi_k = f_k$ Now for more of cl? Assume that 3C VN 3 m2N: 1717 C $= \frac{1}{2} \int_{c}^{\infty} \int_{c}^{c} = \frac{1}{2} + \frac{$