

(90) => fecor(s). All that's left to show is convergence in the 11.11 coir (a) now. We already bounded IIf-full co(a) by 2/2 407/Ng. For the If-full (o(a), we have [f-fn] (o(a) = 1/2 1 (tu-tu(x)) - (tu-tu)(4) = lim [fn-fn] ->0 So, we can draw an N2 EIN s.t. +417, N2, [fn-fn] < E/2 For all N71 Max & N, N23, 11 f - fill cor(a) = [f-fin] o(a) + 11 f-fill x which prover that for of wit 11:11 coir (2)

=> ((0, r(a), 11:11 co, r(a)) is complete

=> ((0, r(a), 11:11 co, r(a)) is a Barach Space.