Wed November 11-20. Consider X-1, X-2, X-n ild n's of un Known Prof pdf but we know it has expectation mu and Yanance Sigs, (Inoth finite). Let In: = X, + X_ + -- + Xn , E [Tn] = nm, Var [Tn]=n62 let Xn = X,+-- + Xn = In, E [xn] zM, Yar [xn] z 6 Xn-M=\(\int \frac{1}{6} \) \(\frac{1}{6} (t) = 0 (t) - - - 0 (t) - - 0 (t) $\Phi_{X_n}(t) = \Phi_{X_n}(t)$

