So overall have a bound of: r S S L Kjols) C S F [SE (TX (t))] dt = mex & thethers) vDxD!xL"xC SR- F[SE(TX(t))]dt. -DXD! XL'X C JBr PTXI+12(0) dt D. JR. PVX(t) (o) dt -> PVX(t) (to) 80 the r ferm meens this, tends to 0. holds by dimmated convergence as Sor E[SE(TX(+))] dt = Son Se(X)Re(x) dx.