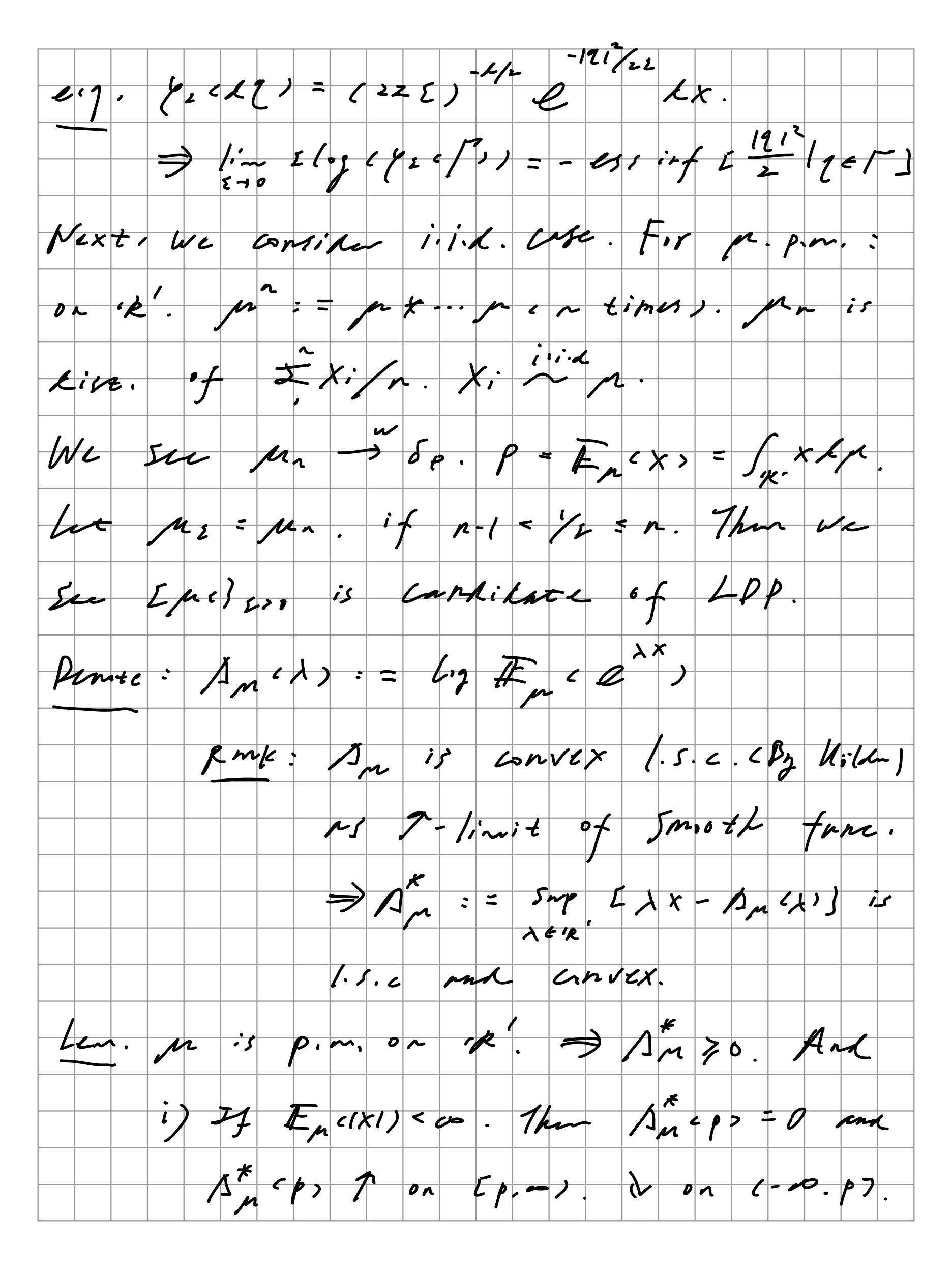
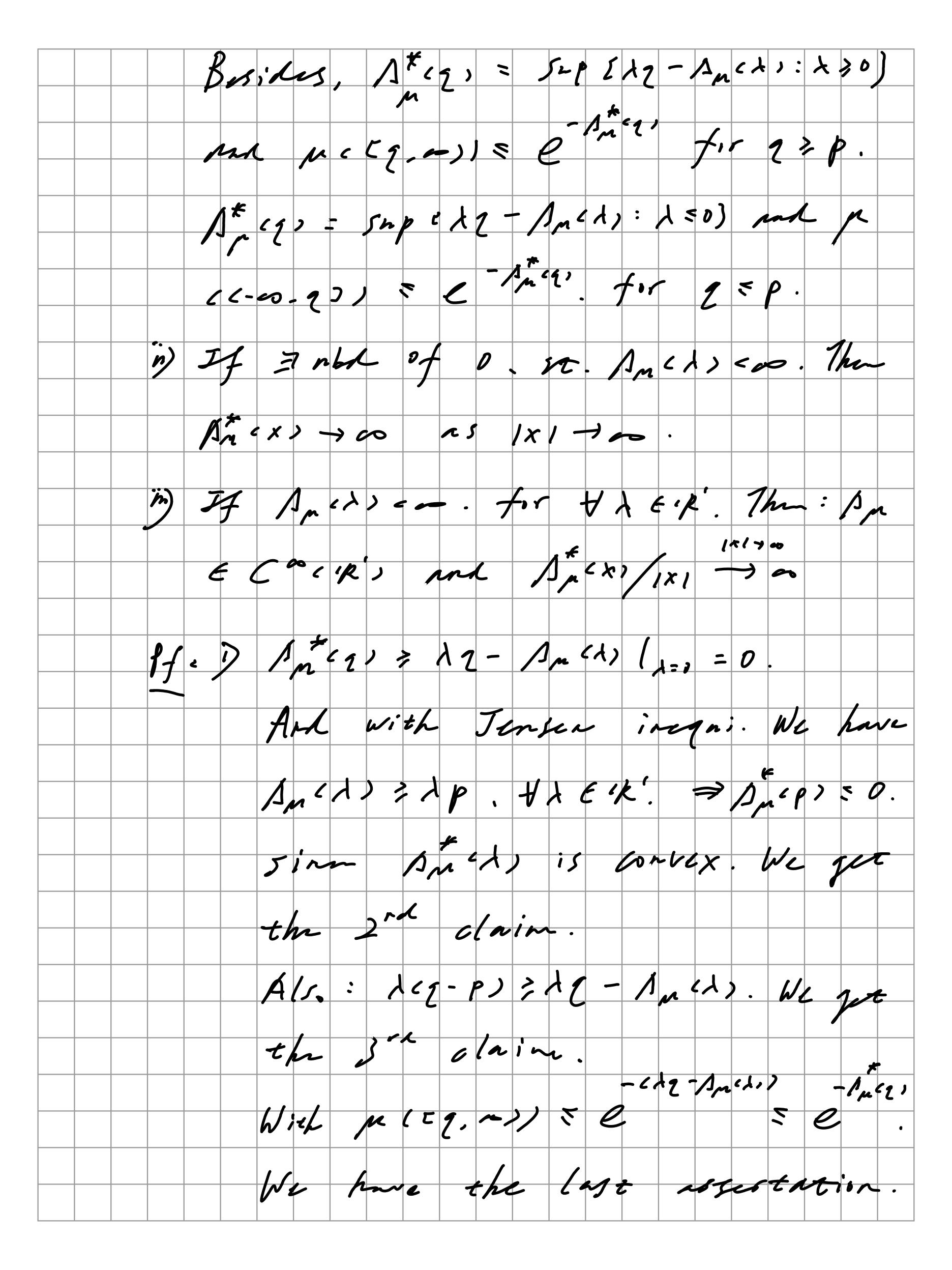
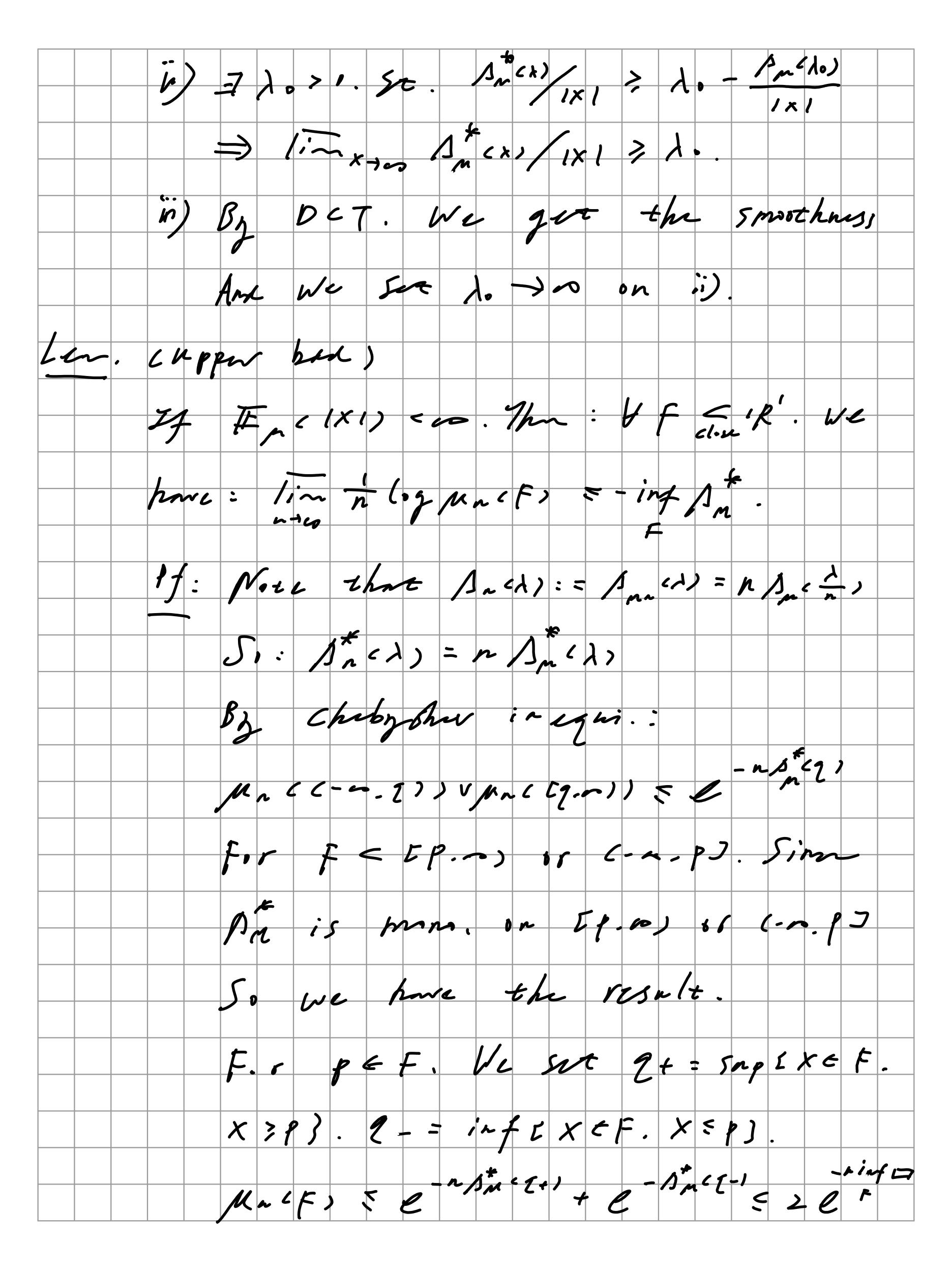
## Cramer & Schilder Let E is plish spra. Eps) so, is p.m. on E. st. ps -> Sp. For pt U. them: ME: U') -> O. We'r like to evaluate Such "Leviant" behavior chean rate) 'D Crimer TUM: First assume ME << Lx. HE. Simm ME -> Sp. We rassate: Eps = gs e -2/2 when

 $\frac{1}{2} \delta_{q}$ . We resatt :  $\frac{k\mu_{\ell}}{kx} = f_{\ell} e^{-\frac{1}{2}k}$ . When Js is const. St. Elogge 70. Icx> 30 and Unnishing at point p. ht. 1. st. 1xc/1<-By kef: Elig (pect) = log ( f. J. e xx) = 001) + log (/ 2 xx) Also: ( \int e^-\frac{-\frac{7}{2}}{\pi} \int \frac{2+6}{3} - \frac{251\sup}{26p} \end{array}. cit = ( \int \text{x.-\varepsilon} \text{x.-\varepsilon} \text{ - I(x.) } \text{ + Xo E/) Ji: lim & lig (prep) = - essint Icu).



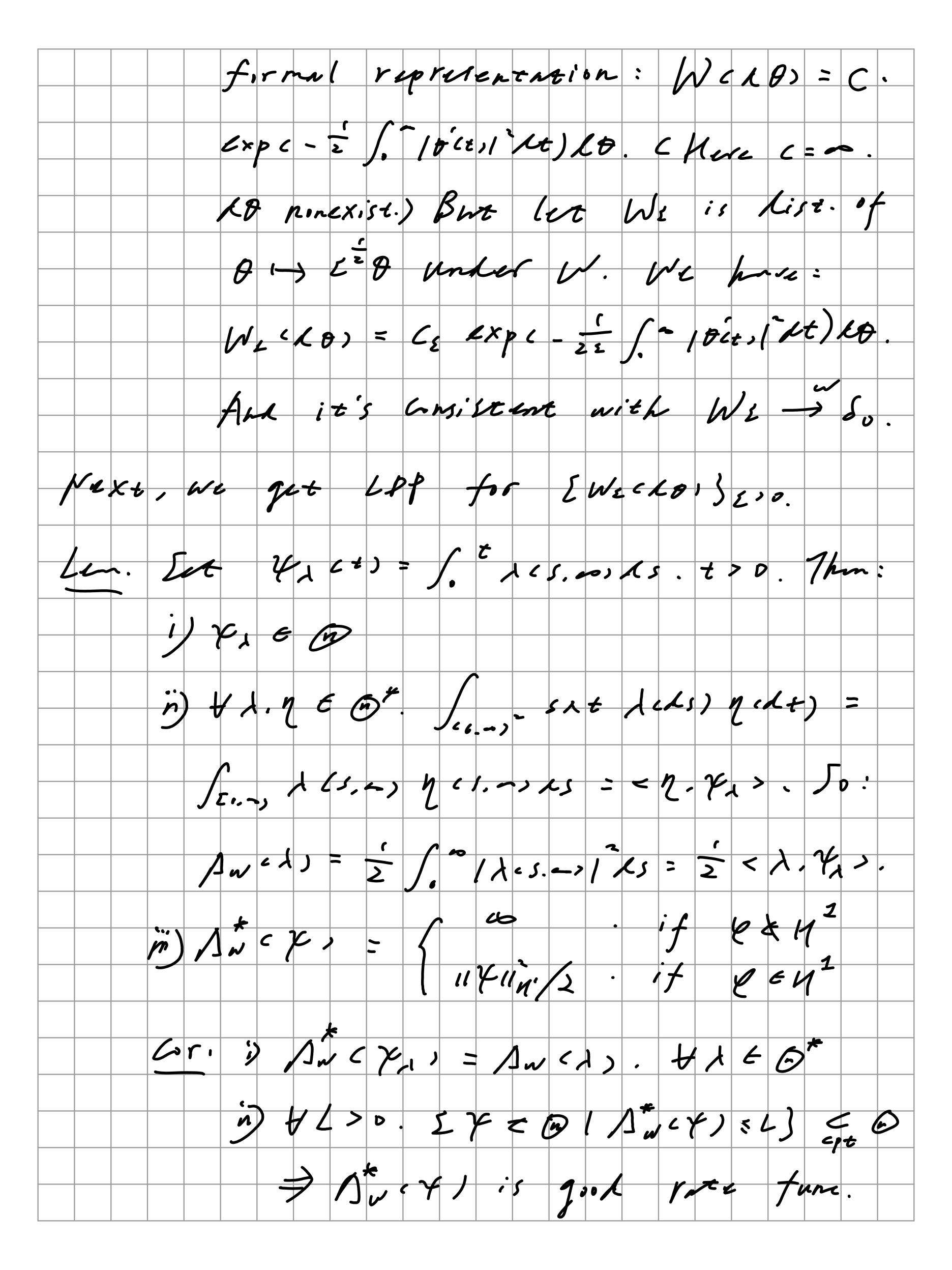


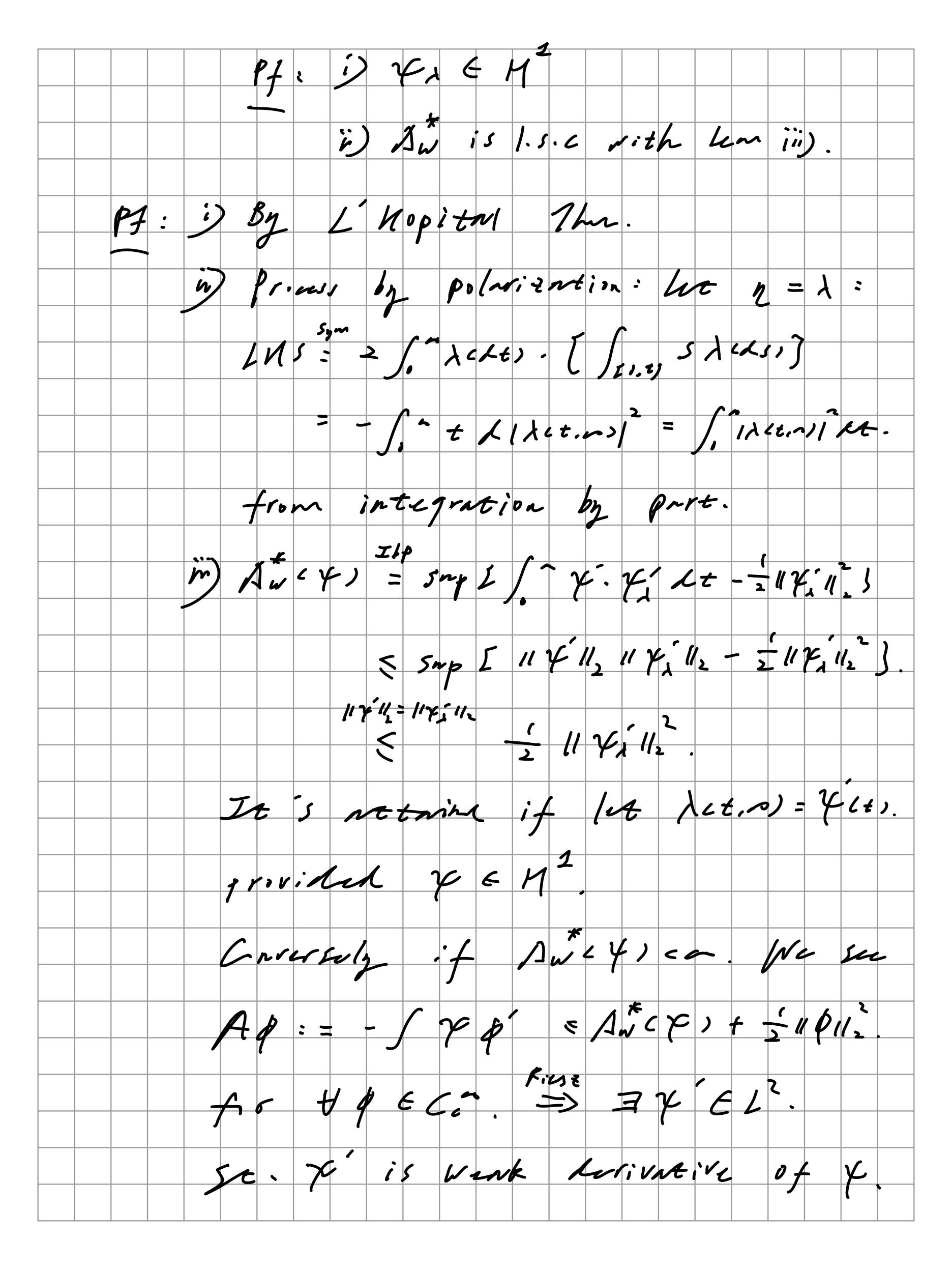


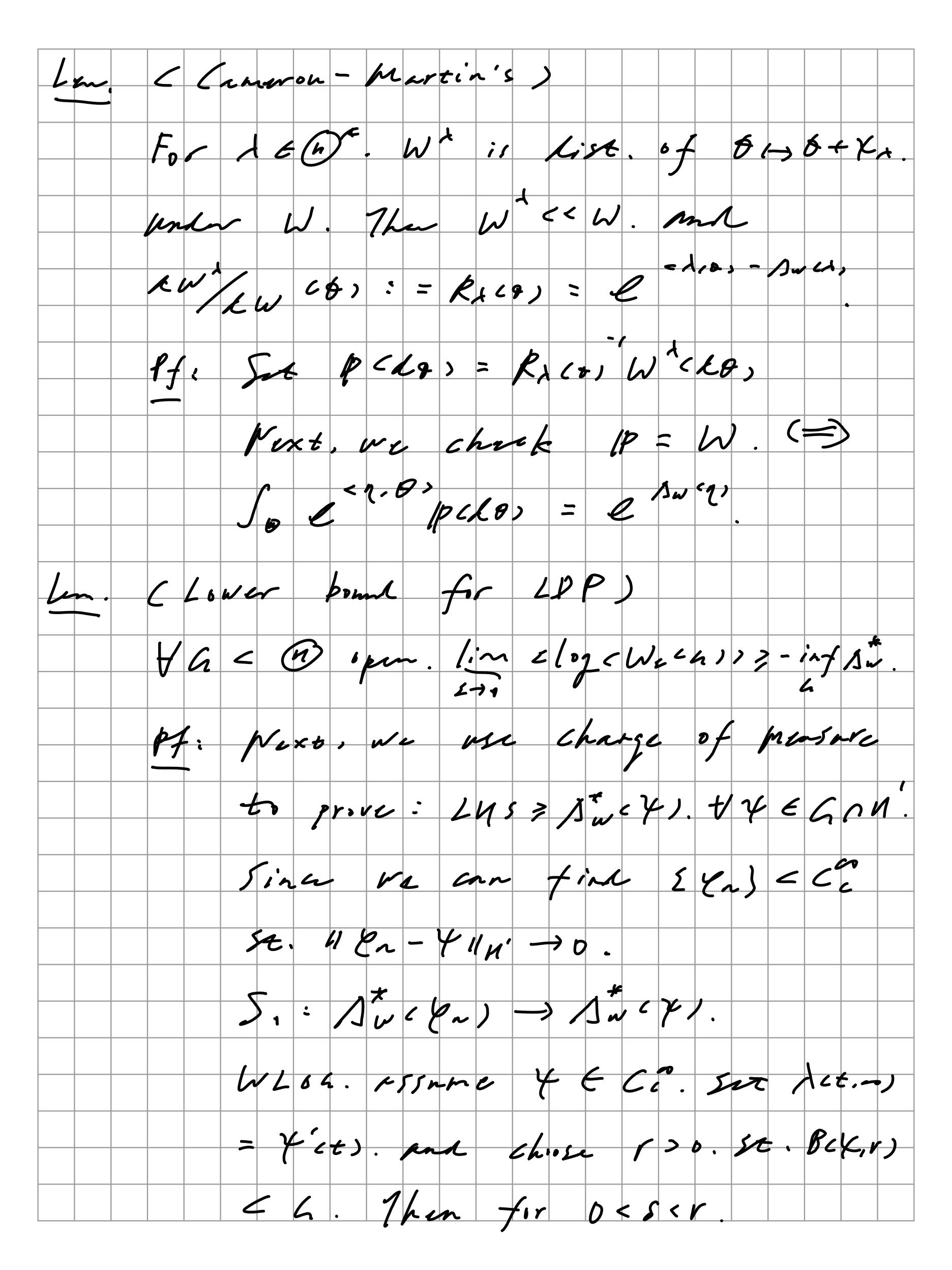
9+6) < int p. we porc: 1im - log ma ( (2-8.2+5)) ? - Sm (7) It's gover by change of mensure. 7 31 E K. St. M. (1) = 22 - 1/2. [ Assume A = D ; A = 0 is Armlingon) Sut milx) = e /e milx), pm. We see Encx) = it Andt) (t = 1 Ann 9 = Donctolt=1 by assumpt. => Emax1=1.5. mac-2+2.2+2)-1

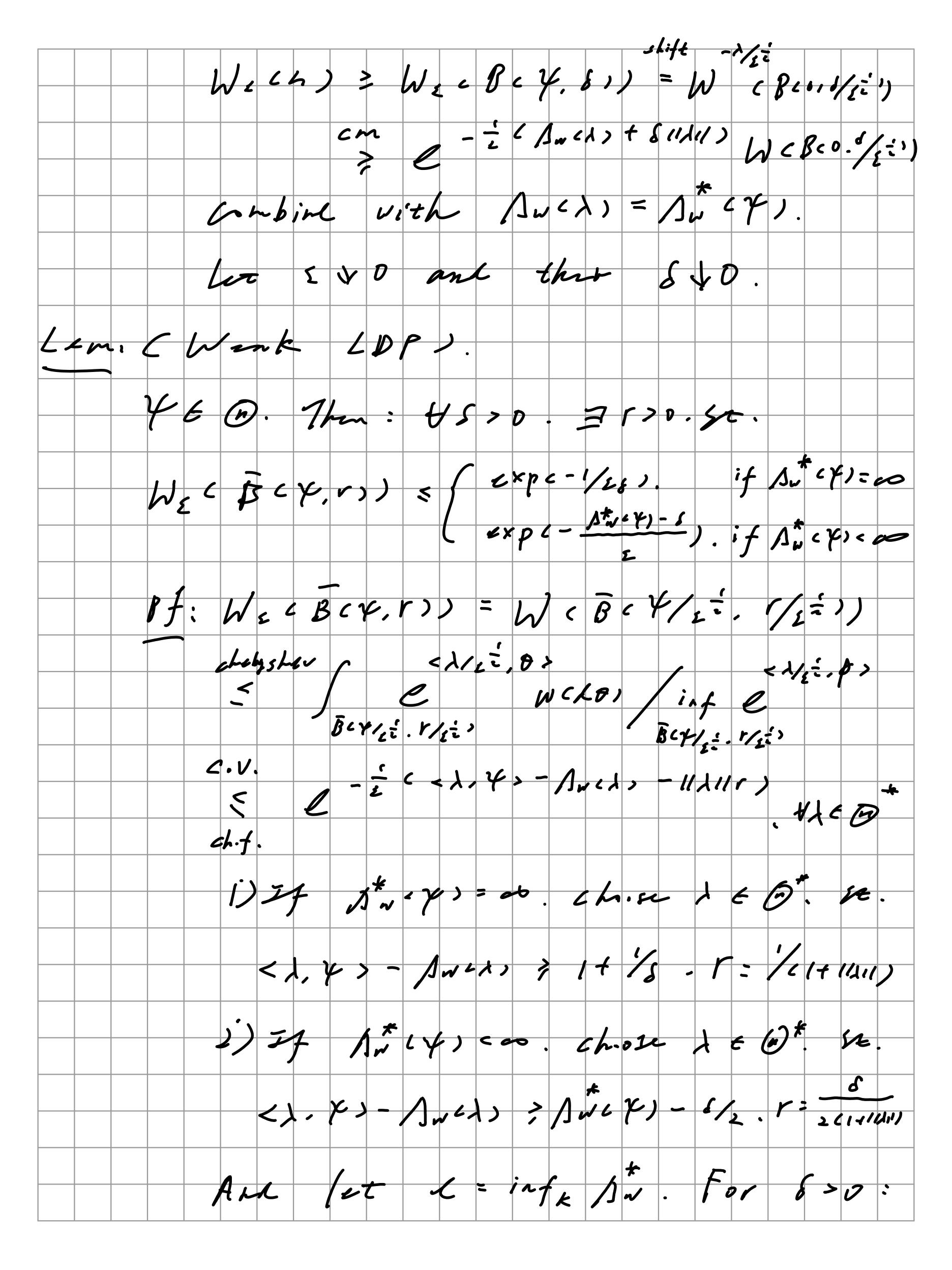
e-22+6, / 27k m2 (27) : lin - log ma 12-8, 2+8, 3- /sh (1) > 12 - 12 - 12 + 41 = 12' WLOG. For 2 = Frex). Note Acke) (Otherwise it ettnins max.) 5 t. 121 - Inchel  $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$   $-1^{*}c2)$ M((11,-1) = 0. m(523) = C We have: MM ([2]) = PC = [] > PCY; = 2. Hisa)  $= n \cdot (1, \dots, i) = e^{-n \cdot N_i \cdot i}$ 

REZT. Set @= LOECH.123. Brul G-regobra 次3. 5年. 人口引 = 8. / (1+t) 1x1 <-With //1/0":= \( \( \lambda \) Bz = = oc evs : & E & + & . s = +) We had Bo = V Bt. The. Wiener mangue WCABI. (X+ ~ B+) has chit.: # c e | 1 = e Where Swed) = / sat Acks/ Acks/2 701  $\epsilon$ Rub: Wicaer maser Wext)









FREXPL-ELSI) K = UBLYENK). YECK. 1 ch) = /in & Due c 2/2). Hx + X. Away ( ) & i.i. L case n/sun( = = =) Report the injurest of low. above  $\Rightarrow \lim_{\xi \to 0} \xi \left( o_{\xi} \in n_{\xi}(k) \right) = \inf_{k} \lambda$ Next. We're going to process exq. tightness: The Fernique X is Separable real Freeket spine. locally convex metritable complete tives.) #: X -) 1/2° is Substitive mensonst PLYX)=1-11PEX), YAEK. XEX. Zf mon (X. Bx) st. m satisfies it

