FU Juniour - Echer. 07/05/2018. Mornalid by Perchan. les "Adapted". SCR^{h+1} , R. snuh (Fed (or admissible werns fund erg. warns tem) T>c, p: 2n -> R. 21 "Reasonable". (lute p - nc. v Wech M.c.). (X Ex cluded). Wp (st, f, t) == } [t | \taf |2 + f - (n+1)]n dn. + 2 = S sn; n= e-t

3s. (4x7)2, $Mp(\Omega,T) := M \left\{ W_p(\Omega,T,T) : \int_{\Omega} n = 1 \right\}.$ By (a) := if Mp (a,t). (10 Mindy Mp(SZ, I) and even existence of Mp(SZ, F, Z) one needt borne vann of lez-sohrler. + Jensen + Std Scholer unbeddin th.

Non- Mind varion. If a sonofri Gal-Wicrahy: (la !w/m. dn) mi & Cs(r) [(10w/+/w/) dn. YWE.C'(T) (~BV(Q)) then ME >0, $M\varphi \in C^1(\overline{r_2})$ with $\int_{\Gamma} q^2 = 1$. there helds. Sa (ε 10 e 12 - 42 log 42) dn - C(w) (1+leg cs(Ω))- {. (pured n her 1). Ruh Existènce of minimier., super + lun. but if MB (SI, T) still to be due. Was prom in lettre 1: Mo(Rnel, 7)20. VT>0. Write $m = 2^2 \cdot \frac{e^{-\frac{|2|^2}{2}}}{(2\pi)^{\frac{n}{2}}}$, then $\sqrt{2}$ Wo(Phy f, 7). = 8.8(4,7), 2(2, T)= \int (4\tal^2 - 2\cdot los \are 1) \int \(\frac{12\cdot 2}{(4\tal)^2} \) du \(\frac\tal) du \(\frac{12\cdot 2}{(4\tal)^2} \) du \(\frac{12\cdot 2}

Then, Warm . So you, conver (2000 (2000).
Then, Warm . So zion, = 1, Salun 22 mail + los (Same) = 2 Sa 12/2 mail It hunder & for, lunder. E[2]=. [(2/2/2+22/4,2)/2 $L = \Delta - \chi \cdot \nabla, \quad o - u,$ Swhomme Scholong Com Norman (dora) L Euch-Lagrance. Spruter. for E. Jenonnes je Durasoman. (Continued on M(L) before Mars frieter was) A het 40 he som S. f. Das. N=0, som promot. (7) (This was ther 20 EH'(29, 70,11). 3

Wm. let 32(+), t >0. be a sit of $\left(\frac{\partial}{\partial t} - L\right) 2^{2}(t) = 0 \quad \text{m.s.} \quad t > 0.$ $77^{2}(t) - N = 0 \quad \text{m.o.}$ We then Should viring Bookur (de-1)e(2) & O, Hame. Of of e(21) of 1-4 for April (22) 200 (23) 120) 121 counde > (o if Agr > 0, $\Rightarrow \partial_{t} \mathcal{E}(2(t)) \leq 0 \quad \forall t \geq 0$ het. c:= \frac{\int 2^2 \sigma_{n+1}}{\int 2^2 \sigma_{n+1}} = \frac{\int n}{\int n} \fr 722(4). N = 0 me me. 0+ S. 222(+) mi = S 22(+) mi = () (+) r, 1 = 0 m 1cN(L). $= \int_{\mathbb{R}} \{ 2^{2}(+) \cdot 1 \times_{H1}, = 0, \emptyset \}$

in 22 (mai) at an exponent ym: 52(+) > C IS>0 dep only in 5 onel & Vwec'(si), 5 S 1 PM-FM2 roins 8. Se 12 PM2 russ. dr Sr 122(4) - C12 8it 1 = 2 Su 122- C1 322 North = 2 S 122-c1 222 Juni. = -2 S 17272 mm, Sm Vc=0, foraní wsc². 3-2, -28 [(2²-c)²7n+1. We will proe: € (2(f)) 5 €(20) < ∞. I c indep so & S. t. S 10 rg(t) & rm1 5 C.