```
Part 1
    Proposition 18-1-
    [2majx;xsvna,[∞+,∞-[←H:2]
      S: Frechet disserentiable at X⇔
      4 εεκ<sup>++</sup> μεκ<sup>++</sup> μεμ: ||μ|=1 ξ(x+ν,μ)+ξ(x-ν,μ)-5ξ(x) ε με
    Proof: Assume 71/fp ? else it is trivial
        (⇒)
           S: Frechet disse rentiable at x
               * (French differentiability of a function; \{(u,\cdot) = (v)(u) > 1 \text{ french continuous on } 1 \}; if the of the original 1 \times \frac{d_0}{d_0} \{(u,\cdot) = (v)(u) > 1 \text{ french continuous on } 1 \}.
               \lim_{x \to \infty} f(x) = t \xrightarrow{4/5} V_{5/9} \xrightarrow{3}_{3/9} \bigvee_{x \in x} \frac{1}{4}(x, x) \in J_{0,1}(x) = \frac{1}{5}(x) - \frac{1}{5}(x) = t \xrightarrow{4/5} V_{5}(x) = \frac{1}{5}(x) + \frac{1}{5}(x) = \frac{1}{5}(x) + \frac{1
                                                                                      des V(xa)aca :net in X, xafx, xa-x lim s(xa)=4
                      \int ds \sin s = \frac{1}{2} \frac{1}{(3)} = \frac{1}{2} \frac{1}{(3)} = \frac{1}{2} \frac{1}{(3)} = \frac{1}{2} \frac{1}{(3)} = 0
    Thim 5x(7)=0 ↔ 4x 36 0x3 13-xy x 13-xy x 0=(x)x 0 0+ x 14-xy 
                                                                                                                                                     \forall \forall \xi > 0 \quad \exists \xi > 0 \quad \forall \xi : ||\xi(x)| = ||\xi(x)|| = ||\xi(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         < \(\xi \) \* because \(\xi(\cdot)\): \(\cdot\) \(\frac{\chi}{\eta}\) - \(\xi(\chi)\) - \(\xi(\chi)\) \(\chi\) \(\chi\)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    {(x+y)-f(x) - <0f(x)/y>
                                                                                                                                                   \leftrightarrow \ \mathbb{A}^{\xi \geqslant 0} \quad \mathbb{B}^{\xi \geqslant 0} \quad \mathbb{A}^{z : i(\lambda - x) i < \xi} \qquad \frac{\|\beta\|}{\tilde{\epsilon}(x + \lambda) - \tilde{\epsilon}(x) - \tilde{\epsilon}(\lambda \tilde{\epsilon}(x) / \lambda)} < \underline{\xi}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         וועוו
    (incomplete)
      Proposition 18.6.
  [ 5,96,6(H); x,36H; xedomo((509); (509)(x)= 5(9)+ g(x-y); S:Gateaux disserentiable at 19]
    f(t)}\\ = (x)(@[])6
    Proof: TRCOU
        14 Proposition 1648.
           [{,966(H); xedom((S□9); yeH])⇒
      (e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{-x})(e^{
9given in our case
(ii) 85(5) ∩ 88(k-y) ≠Ø ⇒ (509) (k) = 5(5)t 9(k-y) +/
        Proposition 17-26. [ 5:H-]-00.+00], Proper, convex; zedom 5]
      (i) {; Gateaux differentiable at x ⇒ ∂f(x)={vf(x)}
      (ii) (xecontf; df(x)={uz}) ⇒(f:Gateaux differentiable at x; u=vf(x))
           8 3 (509)(x) = 35(y) ~ 39 (x-y) = ( 45(h) 60 (x-h) 5 ( 42(h) 1) . YURE Y Y YUR
           /fgiven: S'. hateaux differentiable at y
           14 f(v) { \(\nabla\) = \(\nabla
           is the child (x)(603) \theta \in \{(e)(x)\} \theta \in (x)(e)(x)
                                                                                                                                                   [ 8(f03)(x) = {0f(3)}
           Corollary 18.8.
        [ {,9€6,(H); {:real valued;supercoercive, frechet differentiable on H]⇒ f□9: frechet differentiable on H
        Proof.
           recall
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Proposition R-14. (Sufficient condition for exact infimal convolution)
  5,9€ Fo(H)
 One of the following holds:
                                    / S: Super coercive def lim
 (i) f: superwercive
 (ii) §: coercive, bounded below]
                                       f: corr cive 4
                                                             f(x)=+ 00 *
  $09=$09E16(H)
SO, SOG= FOS E(o(H), as f: supercoercive
take XEH
/+Proposition 12.6. (ii): [{5.9.6 H+1-10,+00]] dom({US) = domf+40mg
as fireal valued => YYEH S(Y)ER => form f= {xeH} s(x) (+00)=H
                                                                         dom(slig)=domftdom g = 71
                                                         \exists_{y \in \mathcal{H}} \quad y < \underset{\widetilde{\chi} \in \mathcal{H}}{\text{argmin}} \quad f(\widetilde{\chi}) + g(\chi - \widetilde{\chi})
                                                              (200)(x)=(500)(x)=(200)+0(x-y)
  oposition 18.7. [ 5,966(H); X, y & H; 509: e6(H), (509)(X) = f(y)+9(x-y)
   hateaux differentiable at y 13
 (f09): hateaux differentiable at x
                                      .. $ 09 Frechet differentiable on 71.
Corollary 18.11.
[ 5:66(H), dom ag = int dom g ]
f: hateaux differentiable on int dom f \
5*: strictly convex on every nonempty convex subset of
     dom as*
dom as = V& (int dom &)
Proof: (4)
/+ Proposition 18.9.
                             given
  Fig: Gateaux differentiable on infdomf (0)
(\Rightarrow)
given: 5: Gateaux differentiable on int dom f
take V x Eint doms . . S: Gateaux differentiable at x
                                               [ ds(x)={0s(x)}
 (i) [: Gateaux afferentiable at x > 35(1)={vs(x)}
                                               YXE int doms
(ii) (zeronts; d.s.)=(uz) ⇒(s:Gateaux disserentiable at x; u=0s(x))
o D{(int dom }) = 0} (int dom {)
```

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Proposition 1726-[5:14-1-00,100], Proper, Convert, Zedom5]
                                                     , 05(x)={Df(x)}
(i) $; Gateoux afferentiable at x → 35(x)={vfx1}
                                                      YXE int doma
(ii) (zerontf; afiz)=(u3) ⇒(s:Gateaux differentiable at x; u=0fiz)
00 DS(int dom 8) = 25(int dom 8)
                        = Of (dom of) /+ given; dom of = int dom &
                        = ran as A For any T: set valued operato
                                            T(domT)= ranT
                                       T{x: T(x) \neq \phi} = UTX

x \in \text{2 form T} \text{Q}

= U Tx U Tx

x \in \text{2 form T}
                                        = U Tx = rant */
                    = 40m (25)-1
                                       /+ for any sel-valued
                                             operator: rant= dom(T)
                                                                    ¥/
 : S: Gateaux differentiable on
        int dom & > Of (int dom &) = dom of* (1)
also from
                   / 79iven of (>)
   s: hateaux differentiable on int domf
=> f*: strictly convex on every nonempty convex subset of
D { (int 40m } ) = 40m 25 (50m (1))
so the equivalence is established from (0), (2)
 the implication follows from (1)
Corollary 18-17.
[ LEB(H), SRIG-adjoint, positive; REH] =>
ILII (LXXX) > ILXII<sup>2</sup>
Proof.
Denote: [:H > K: A > { (rala)
               , setu:=0, [:= ]
   S:twice frechet differentiable on H
    Of (x)= ("+") x-4
      = ZLx // L: self adjoint.
 50, ||Of(x) - Of(y) || = 11 Lx-Ly11 = ||L(x-y)|| // L: linear
                         € ||L|| ||X-y|| || any linear T | Y ||T|| ||L|| > ||TL||
     JOS: Lipschitz continuous with constant ||L||=β
   y (s; Frechet differentiable on H
 Theorem 18:15: [ 56fo(H); BER++; h=5*-| 1/8 t : 4= 1/2 ]
The following are equivalent:
0) S: Frechet alsserentiable on 71 1 05: $-Lips chitz continuous $
(i) s: frechet differentiable on 4 A
  xeH A<sup>aeH</sup> (x-a| Δ2(x)- L2(a) ) < b | | x-a| 5
  5: Frechet differentiable on H A
```

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Axem A = EH (x-2) 62(x) - 62(2) ) & B ||x-2)|, $
                         5: Frechet differentiable on H A
                         (iv) 5: Frechet differentiable on H A
                    \forall_{x\in\mathbb{N}}\ \forall_{y\in\mathbb{N}}\ \S^{\psi}(\mathbb{V}\S(y))\geqslant \S^{\psi}(\mathbb{V}\S(x))+\langle x|^{\eta}\S(y)\cdot \mathbb{V}\S(x)\rangle+\frac{1}{\zeta\beta}\|\mathbb{V}\S(x)-\mathbb{V}\S(y)\|^{2}\Leftrightarrow
          W S: Frechet differentiable on 71 N OS: 1/2 cocoercive €
     (M) Bq-g= \(\beta_1\) \(\beta_1\) \(\beta_1\) \(\beta_1\) (onvex. If this is quite amazing, because in generally this is subtraction of two convex functions \(\beta_1\) (i)
     (vii) 5^{*} - \frac{1}{8} 4; convex /*same as saying 5^{*} : \frac{1}{8} strongly convex */ \Leftrightarrow
     (viii) h∈G(H) ~ 5= (1/2)(h*) = βq- 1/4.814 ⇔
          (ix) help(H) \wedge \nabla \xi = \text{Prox}_{\beta k} \cdot \beta 14 - \beta \left(14 - \text{Prox}_{k^{\frac{\alpha}{2}}/\beta}\right)
       * Definition 4.4. (B-cocoercive /B-inverse strongly monotone)
          [D: nonempty subset of H. T: D-H, BER++]
                         : B-(ocorrave  

def  

BT : firmly nonexpansive des  

V<sub>XED</sub> V<sub>SEB</sub> ⟨X-Y|Tx-1y⟩ > B ||Tx-1s||
                                                                                                                                                                                                        XEH AEH
                                                                                                                                                                                                               (x-y | Lx-Ly)
                                                                                                                                                                                                     = (x-y| L(x-y))
                                                                                        now set y=0 then
                                                                                                                                                  Axen (x | rx) & | r | | | | | | | |
                                                                                                                       A \neq A

A
Corollary 18-19. E(S_i)_{i\in I} Similar Samily of functions in F_n(H), E(S_i)_{i\in I} Similar Samily of real numbers, F(S_i)_{i\in I} \sum_{i\in I} K_i = 1.
       A = \frac{1}{4} \| \cdot \|_{2}; P = \left( \sum_{i \in I} K_{i} \left( \xi_{i}^{+} \square V \right) \right)_{+} - 0
  Prox<sub>N</sub> = \sum_{i \in I} K_i Prox<sub>5</sub>
            \int_{\mathbb{R}^{2}} \sum_{i \in J} K_{i} \left( \xi_{i}^{*} \square V \right)
\Rightarrow \ \forall_{|\vec{k}|} \left( \vec{s}_i^{\dagger} \Box \, \P^{-} \right) = \left( \vec{s}_i^{\dagger} \Box \, \frac{1}{2} \, \| \cdot \|^{\zeta} \right) \quad / \left( \underbrace{\text{convex}}_{, \text{ real-valued}} \Rightarrow \text{proper}_{, \text{ continuous}}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ real-valued}} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\uparrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ continuous}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{ }}, \text{ real-valued} \Rightarrow \text{proper}_{, \text{ }} \right) \quad / \stackrel{\text{$\downarrow$}}{\longrightarrow} \left( \underbrace{\text{convex}}_{, \text{
                                                                                                                                                                                                                                                                                                                                                                                            € (6(74)
                                                                                                                                                                                                                                                                                                                                 and frechet differentiable on H
       \Rightarrow \sum\limits_{i \in I} w_i \left( \S_i^{\frac{d}{2}} \square \P \right) \mid e S_i(H) \mid \text{ and fredret dissertantiable on } H
                           with \nabla \xi = \nabla \left( \sum_{i \in I} \kappa_i \left( \xi_i^{\dagger} \Box \ell \right) \right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         YERHT ]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PHIS DE SE : YELLE WILLIAM STEEL WILLIAM STEEL S
                                                                         = \( \sigma_i \) \( \lambda_i^1 \) \( \lambda_i^
                                                                    = \sum_{i \in I} \alpha_i \quad \text{Prox } \xi_i \qquad \text{ } /+ \quad \xi_i \in l^p(\mathcal{H}) \Rightarrow \xi_i^{1/4} = \xi_i \quad \text{ } +/
                ... : S = \sum_{i \in I} \kappa_i \left( s_i^{\mathcal{T}} \mathbf{U} \mathbf{L} \right) : \epsilon \kappa(\mathbf{H}) \text{ and fredret dissertantiable on } \mathbf{H} \text{ with } \mathbf{U} \underbrace{\mathbf{G} = \sum_{i \in I} \kappa_i \operatorname{Prox}_{\mathbf{G}_i}}_{i \in I} \text{ and } \mathbf{H} \text{ Lipschitz continuous } \ldots (D) 
                                      also. Prox 5: Sirmly nonexpansive end averaged the strength not seen interpretation of the strength of the str
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1d-free, Simily renexpensive to proxing Sinney nonexponsive
                                                                                           DI- SK! BLOX 21(.) : FONELOWED (S)
                                                                                                                                                                                                                                                                               Sirmly none Xpansive /* Proposition 420 (hibition of oursiget operators) /* A convex combination of x-ar specialors is max x-average operators is max x-average
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{\{j\}_{i \in \Sigma}: \left( -\{j_i\}_{i \in \Sigma} \text{ family of more purious densities there } \right.}{\{j_i\}_{i \in \Sigma}: \{j_i\}_{i \in \Sigma} \text{ portrapped}} \right)}
       now usp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (w_i)_{i \in I} : \sum_{i \in I} w_i \in I \quad ] \Rightarrow \quad \sum_{i \in I} w_i T_i : (\max_{i \in I} \kappa_i) : \text{averages}
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(ij) is: \{ \cdot \} in it is a simple of more particular to the Y_i : Y_i : Y_i = \text{correspect}_i \} \in [0,1]
now use.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \frac{\langle w_i \rangle_{i \in I}}{\langle u_i \rangle_{i \in I}} : \sum_{i \in I} w_i \circ i = 1 \implies \sum_{i \in I} w_i \tau_i : \left( \begin{array}{c} \mathsf{max} \\ \mathsf{i} \in I \\ \end{array} \kappa_i \right) : \mathsf{derivages}.
                                                                                                             Therefore the Estation for the state of the
                                                                                                                                           Year Y_{SCH} (C-o) FS(n) - FS(n) - F = F(n-n)^2 (c)

(9) (electron terms)

F Area of Signature of Area

V are Y_{SCH} (Signature of Area

O. 5. Freedad differentiable on Area

V are Y_{SCH} (Signature of Area

O. 5. Freedad differentiable on Area

V are Y_{SCH} (Signature of Area

O. 5. Freedad differentiable on Area

O. 5. Freedad differentiable on Area

(A) 5. Freedad differentiable on Area

(B) F_{L} - S_{L} - \frac{1}{2} \cdot \frac{1}{2}
                                                                                                                                                             (14-100 h 05 = 100 pg - 874 - 8 (14-100 h 1/8)
                                                                                                                                                                               \left( \sum_{i \in I} w_i (s_i^* \square s)^{\#} - \mathbf{1} \in \Gamma_0(\mathcal{H}) \right)
                                                                                                                                                                               05=(Prox " 14) = (14- Prox ")
                                                                                    Prox = Ext Prox &
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