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El Teorema de Tchakaloff nos va a pentr divostr
           que el poblema de nortis es equivaleté a:
                                K - compacto en Rn
                        V = \langle f, g_1, ..., g_T \rangle \subseteq C(\kappa)
              P(K) = {heV: hiz>0 +zeK}
   Si V contine une constitute no note en hus

[R* = max | T(f): | T(gj) = Cj | = 1,... T | en ding

TeV*

(T(f), T(gi),..., T(gT)) - month de la nodide T

sopride en V.
          Mas previante el Teorema de Tchakaloffdie.
           Teorema: S. K SIR" es comparts y V S C(K)
                      contrer al ruros una constite y dim(V) <∞ entres
"full" \mathbb{P}(\mathbb{K}) = \mathbb{W}_{\mathbb{K}}(\mathbb{K}) \subseteq \mathbb{K}
                   donde: PV(K) = { h ∈ V . h(x) > 0 + 2 ∈ K} melder, portrus en K
                                                             MV(K) = {TEV*: 3 L & M(K) con)
                                                                                                         T(h)=L(h) the V
                      Ejemplo: Descha los rectes (E[1] E[K] E(X2))
possilles par reiales aleature en [0,1].
                                        V = \langle 1, \chi, \chi^2 \rangle
V = 
                                                                                        X50 + (1-x) S(x)+ S_(x)
                                        \mathcal{A}_{co} + (\mu - x) c_1 + p(x) ;
c_0 \ge 0
c_1 \ge 0
a_2 \ge 0 - a_1 \ge 0
a_3 \ge 0
a_4 \ge 0
a_4 \ge 0
a_4 \ge 0
                                                                                     (1, p, p) = L \qquad \angle (Gx) = G(Lx) = Cop \ge 0
                                           (L(1), L(x), L(x^{2}))
L(1-x) \geq 0
                                                                                          \frac{1-\beta \geq 0}{\lambda \left(\left(a_{0}+a_{1}x\right)^{2}\right) \geq 0} \qquad \frac{1-\beta \geq 0}{a_{0}^{2}+2a_{0}a_{1}\beta+a_{1}^{2}\beta^{2}\geq 0}
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$$\forall a_0, a_1 \in \mathbb{R}$$

$$(a_0, a_1) \begin{pmatrix} 1 & \beta & a_0 \\ \beta & \beta & a_1 \end{pmatrix} = 0$$

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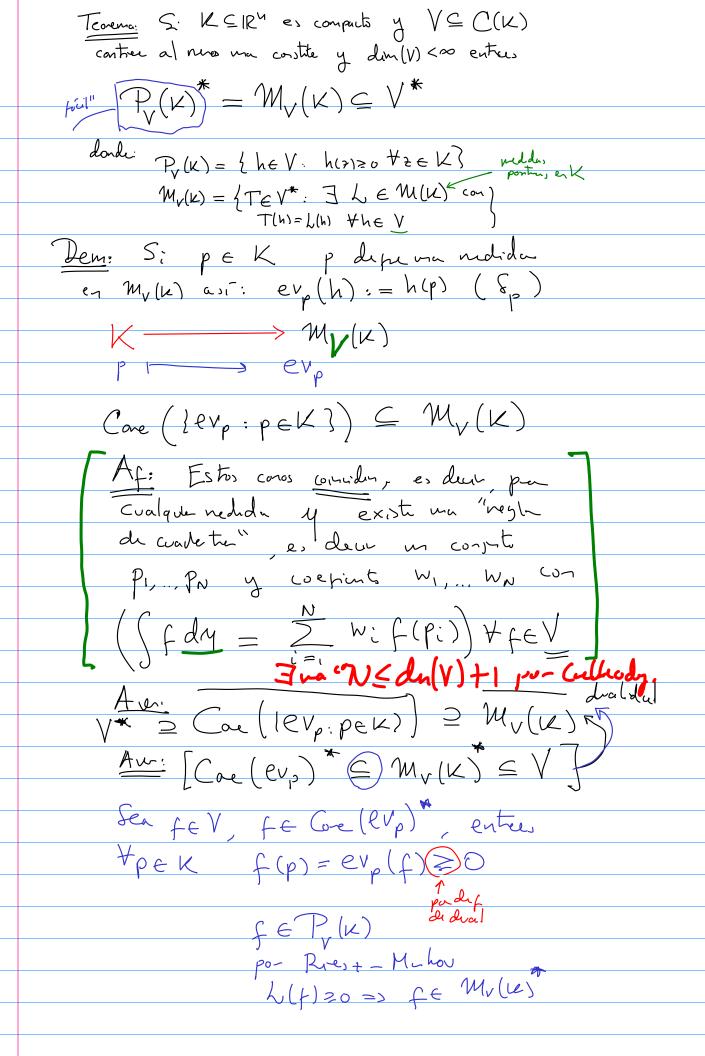
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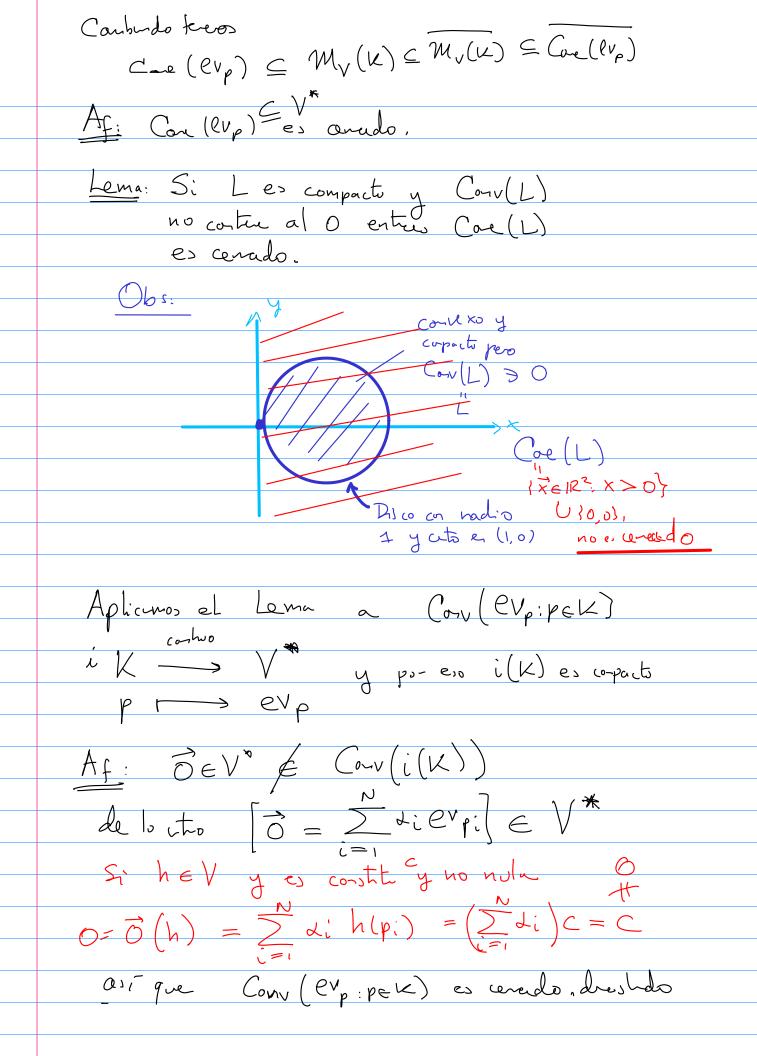
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la igualdad.