

	一周发核的物质逐渐数 ;
•	$K: XXX \rightarrow IR. $
<u> </u>	$k: \chi \times \chi \longrightarrow R$ みかもく χ , 有 $k(\eta, z)$. 如果 $k(\eta, z)$ 満足以下 両川旗。 の又は示いり: $k(\eta, z) = k(z, \eta)$
	日で注り当己発本分 利され K(か) お己発本分 砂川生:
	包取N代表 X, ··· XN E X. Riz To Gram matrito 是事る意 Too. K=[K(か), な)]

	電記: K(カ,も)=L(カ), 1(2)フ (の Gram water)かまで次
Helbert space	宝春玩,可附是无限维证,我现代了内部的线性管理
	对极限操作性闭。 (为法, 教表).
	对极慢热户到风。 (对称) (加克, 截乘).
	(f,g) = (g,f)
	$(x_1, f) \ge 0, "=" = 7 = 0$ $(x_1, f) \ne 0, "=" = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_2, 9 > = 7, < f_1, 9 > + 1/2 < f_2, 9 > = 7, < f_$
	$\langle 1_1 + 1_2 + 1_2 \rangle \langle 1_1 - 1_1 \rangle \langle 1_2 \rangle $
·	
Ann (048 2/h > 0	Giram matrix: K=[K(ti, tg)] now.
老鱼图的EIRM aTAd ZO	Giram matrits: $K = [K(t_i), t_g)]_{NN}$. $L^T K d = (d_1, \dots, d_N) \begin{pmatrix} k_{11} & k_{12} \dots & k_{NN} \\ \vdots & & & \\ k_{N1} \dots & k_{NN} \end{pmatrix} \begin{pmatrix} d_1 \\ \vdots \\ d_N \end{pmatrix}$
	$= \frac{5}{3} d_i d_j k_{ij}$
	$= \overline{z} \overline{g} didj \langle \phi(bi), \phi(bj) \rangle$
	$= \langle \{ \forall_i \phi(t_i) , \{ \forall_j \phi(t_j) \rangle \} \rangle$ $= \{ \forall_i \phi(t_i) ^2 \} \rangle \rangle \rangle \rangle \langle \beta(t_j) \rangle \rangle \rangle \langle \beta(t_j) \rangle \rangle \rangle \langle \beta(t_j) \rangle \langle \beta(t_j) \rangle \langle \beta(t_j) \rangle \rangle \langle \beta(t_j) \rangle \langle \beta($



