



I.C. Olaştırma Benizci Haberleşme Baka	itik ve nlığı		//20
		the new space:	
yt wT Ø(x) The Lagrangian			
	2 + C \(\frac{1}{4} \)	- Zxt [ytw o(xt)	-1+ \(\xi \) -\ \(\frac{1}{2}\)
<u> </u>	= Z ~ y t ø	(x [‡])	
3Lp = 0	= at - ut = 0		
-d = \(\sum_{\alpha} \tau_{\alpha} \)	$-\frac{1}{2}\sum_{t}\sum_{s}x^{t}x^{s}$	y y (x t) σ(x t)	
subject to		$K(x^{\epsilon}, x^{\dagger}) =$	Refer Function
$\sum_{t} x^{t}y^{t} =$	G. une	$\leq \alpha^{\dagger} \leq C $ $\forall t$	
Replace the	inar product inction K(xt, X	of the basis functions S) between instance	s $\phi(x^{\dagger})$ $\phi(x^{\dagger})$
original input Instead of r space and	mapping two in	product there we di	to the 2
		s t s K (xt,xs)	



W.

N

l)

li b

he Lecont	1 1	1		1						į									
f(x) =	w	Ø(x) =		>	,t	y t	Ø	Xt)":	ø(x)	<i>J</i> .					-	
Shrington (min		And the state of t													13	,			
A COCHADO	1.1														ļ	<u> </u>			_
This imp	lies th	not.	if	we.	ha	-	the	le	en	rel	7	inc	40	n,	٠	ie	do	00	, -
For any	Val	id	to	the	ne	000	Sp	the	re	e	(1)	-5	- a		0.0	res c	000	Jiho	
red to For any napping	forch	50	64	1	سر	ال	1	1	100	ed	10	k	Λ°	w_	i-	-		3	
The me	54 00	pulai		eres	1	Pou	co	0.30		ceri	0	-	٠ \ ا	4	25				_
	1 1	1	1 1	1	1	1	1	1.	1	1.	1				1		1	9	_
Palsan																			
For exa	mple ;	9	2	Mary or Charles	K(XX) :		(x	7	+1)_	=	(K+ 8	1 +	×2	y2 1	_
HEROGRAPHICAL STREET	+ 2	Y, U,	+ 0) Xo	10	+ 7	2 x,	X	u,	42	+	Xq	1	+	X	2	2		
1 1 1 1	1 1	1	1	1		1	1	1	1.						1				_
correspon		.	1 1	1		1	1	1	-		1				_	1	1		
Ø(x)=	[1,	2 ×	1	[2	X	J	2	X ₁)	2	, >	1	, ;	2]			- The same of the		
Radial	basis	fuc	270	25		(R	BF)				•							
1 1 1			1 1	1	1	i	1 .	0	i								B P P P P P P P P P P P P P P P P P P P		_
k (x*,	X)	e	×ρ	+	111	25	2												
att the state of t											-						1		-
defines Xt is	a sp	herica center		Keri	el (a	s	i ed	6	arz	the	w	ine	P	e fr	الع	the	19	d