)/ I	6-00-1502	To show error Junctionals are conven
,,,	Eneruse 2	
	* 1	to the
-	I	Φ: × → IR on spou x is convex if the
		$\phi: \times \rightarrow \mathbb{R}$ on space λ : inequality $\phi(\mathcal{D}.x + (1-\lambda).y) \leq \lambda.\phi(x) + (1-\lambda)\phi(y)$
	,	15 ·
	-	NIYEX and DECO,1)
	(a)	× -> Vineau space 11.11x
-y-		
~		$11 2 + (1-2) \times 11 = 112 \times 11 + 11(1-2) \times 11 $ (neing b inequality)
γ		, 0
~~	0 (= >11x11+(1->)11y11 (by absolutely scalable
·	Jos Pos	EX Scalable of
~	-	EX property of norm)
·,		more more
·——		
	21.0	12 11 1 dan 216 19
	(4)	12 - H1 denoising
,		$\phi: H^1(\mathbb{R}^2) \to \mathbb{R}$
	4,200	
		$u \rightarrow \underline{1} \parallel u - u_0 \parallel_{\ell^2}^2 + \underline{u} \parallel \nabla u \parallel_{\ell^2}^2$
	- Constant	2 2
		$(3 \wedge n^2)$
		given inage up $\in L^2(\mathbb{R}^2)$
	5	agulari zation
		parameter
		e(x) := x2 is monotone and onvex on [0, 00)
The state of the s		

