

Journal of Minternalus Lippide 65 (1993) 57-49



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Internal ottion ambility in souther RCI - LuCly

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1. ENTEROPOLITICAL

Callen satisfiely is worker subs has been descented, with different torinigns and patients in a second property data with binary (Ma,Ma)X systems, where 24, and 24, not big any paper. This means and 2 is a constant section and chain (1). There are also away papers into into anti-anti-and means into by Chamic and Chain (1). There are also away papers on binary (Ma,Ma₂₂₂₀)X systems, where it is a motion into the particular color away papers. But a mean section for papers in the papers of the papers o

1. EXPERIMENTAL

Synchronics of Locals and perspectations of KC3 [11].

Lashacani (20) elisible was papered by deletizate of LaCipeligO Sect. with materials chiefle under vectors. Concentrate LaCipelig: (REACHER, South) or bioatomy instances hydroxic was detected in Gland USI they materials. Affecting (PCCII Officia, Point) is under mitt of 1% with supers to instances was edid to ity solution. Solution was disord and develop magnetic. Satisfy product was placed in a quite supports and probably basics under waves. Holdcarine of MELCI protocial wat manuation elisible contrasts in do and part of the supports. Supports LaCip was called in the same supports in color waves affected was provide with compound wat specifies elisible contrasts in the and part of the supports. Supports LaCip was called in the same supports in color argue; instances of MELCI. Anyonic with compound with specifies anyonic in color argue; instances of MELCI. Anyonic with compound with specifies anyonic.

Foundance objective [PPOCE] Génetes, Palentij was progrand by reaking the self-under graphene ISCL Tanain of the grap want concerned funct the suit with segme. Maked EC, was shogenerated in a dry-bast water appropriate sectoric invasioni gives corporates.

2.2. Migration will-

Design of the migration will was similar 34 that described in Barmons [2, 7, 12, 13,]. It contrasts of VAD years - much and calculation - connected with way hyperice. Lower can, filled with gener word, conduct eights cannot and indic flow between the VAD years of the will Upper bypers was designed. By connected a of year space of the will, equilibration of year protocols, distributes and anticelle part, a typical anteger and the will upper bypers was designed. By connected a of year space of the will, equilibration of year protocols, distributes and anticelle part, a typical anteger and the will be connected a state of the will, equilibration of year protocols of the will generate and to be expected with wear space of the will was first a state of the will be an anteger and to be an an anteger of the will be an and the test of the will be a state of the will be and the state of the will be an and the state of the will be an an anteger of the will be an and the state of the will be an an an anteger of the will be an an an anteger of the will be an an and the state of the will be an an anteger of the will be an an an anteger of the will be an an an anteger of the will be an an an anteger of the will be to an an anteger of the will be to a state of the will be an another and the state of the will be to a state of the will be to a state of the will be to a state of the will be an an anteger of the will be appeared will be a state of the will be a state of the will be appeared to the state of the will be appeared of the will be a state of the will be appeared of the will be a state of the will be appeared of the will be a state of the state of the

2.2. Experimental providers

Below the logicality of the first experiment the self temperature new caldidard of 1823 S and the cell new Stated with pages. Then weighted consequent of KC2 were traded in both property for and any appropriate consequent of LaCle were introduced, histor were becompleted by building with particul pages for all televise. A special new new which is many main in both years of the self. If the same local. Then a minimum characterist (period) and minimum tube (periodic) based to the same local. Then a minimum characterist (periodic) and minimum tube (periodic) based to the same local. Then a minimum characterist (periodic) and minimum tube (periodic) based to the same local. Then a minimum characterist (periodic) and. The self new applichment for the terms under Kew of segme, Daving that thes the self periodic minimum data to be seend of experiment algorithm minimum forward opposite and the self. In the self of second of experiment algorithm minimum forward data with and the self. In the self of experiment algorithm minimum the self the first of the self and the self. In the self from terms of experiment algorithm minimum to the first of the self and the self is the tube caldidied in several constraint. Thus the tube way term in the objects of a sheather length. The self from terms yield was distributed in severa with KP mathematics. Firstly, minimum is a sequence from way distributed as "convertimient interprint was determined which, after majorithmic an examination of term into the pixel constrained partice".

24. Compatible of BCI – LoCi and

Compatible of investigated KCI - LoCI₂ and we always) from (3 to 16 tot). No of LoCI₂ in first start (160); (1. Appropriate contrast of the tot), was measured from the stall ofter measurements if a pirmi compatible and assurement entropy of LoCi₂ we introduced in the still. The stall we incompatible stall the sub-investory controlled by introduced in graphics and its controlled graphics control. Provide compatibles of the toth was descented by its attention of the stall, we descent the stall for a start way controlled by introduced by provide and its control of starts of the start.

3. RESILTS AND DECUBEOR

Electronignities anticommute have have performed for five compositions of ECL – LeCly much in the arrays from 0.346 to 0.752 syntaction frontions of LeCly (Debie 1). Measurables trees surged out \approx 1023, 1073 and 1123 S. Composition of an electronic of measurable, veloce of a and the internal mobility of orders (by and by) are personal in 24th 1. The temperature maps of appointers and the composition of arth noise trees conclused with piece diagram of the ECH – LeCly syntax given by H. J. Suffect \approx al. [14]. Sumitive of reignation model and origins of basic reignation synchron an initially comparison by paper (18). Permater give project are:

$$= \frac{\hat{y}_1 - y_2}{(y_1 + y_2 + y_2)} = \left(\frac{1}{Z} \left[\left(\frac{y_2}{y_2} \right) - \left(\frac{y_1}{y_1} \right) \right] \right]$$
(1)

aber:

- by and by a integral mobility of outpost 1 and 2 (K and La, comparisonly),
- y₁ and y₂ reprinting incident of other 1 and 1 (K and La) balan regarder process.
- 2 = Q7 Q-sizet deeps, 2-Pasity's canted,
- Z, and Z₂ parables of apply logic of apply in a 2 ¹² the active prigorden process intervan weak and its construction of arignation cale above original equivalent factors y₁ and y₂ was makinged.

Velues of by and by have been extended them about the contractivity at [12], optimizer referen V, [13] of the actuations and a

$$b_1 = \left(\frac{\mathbf{v} \mathbf{V}_4}{\mathbf{r}}\right) (\mathbf{i} + \mathbf{v}_2) \tag{2}$$

$$b_2 = \left(\frac{a V_0}{b}\right) (b - a y_1) \tag{1}$$

General incitately is that veloce of a personal descene with the insumes of incitation chiefds equivalent function. Sectory of the spatial mobility of it, and its outcome (by and by,) have been calculated with equation (2) and (3). Veloce of givedle should be calculated by and equivalent mobility of X⁺ and Le⁺⁺ from = 1621 K of the <u>Secon</u> for term at 1673 X and 1123 K and prove of mobility of X⁺ and Le⁺⁺ from = 1622 K of the <u>Secon</u> for term at 1673 X and 1123 K and prove of mobility of X⁺ and Le⁺⁺ from = 1622 K of the <u>Secon</u> for term at 1673 X and 1123 K and prove out by depend on equivalent mobility of K only functions of indication - Figure 1. Mobility of Le⁺⁺ is excellent in investigated compatibles wave and mobility of K⁺ only digitally descence with insures of LeC₁ equivalent mobilities. At 1073 K (Figure 2) as well as = 1121 X (Figure 3) mobility of Le⁺⁺ and K⁺⁺ depends on equivalent mobilities of indication objection.

Table L.

Characteristic parameters of acquirements, z and interval multility of outlons in coders by symptom $E(2-1\pi\Omega)_{z}$

T	-	Q	F	Ŧ	7.(4)?	14	. h.
		(1)	-	[20]	[17"="""""""""""""""""""""""""""""""""""	[10 ⁻	7 35
1022	· •	-		191,500	41,740		1.99
	6,15 (0,346)	546	8,664	99,14 1	53,163 (49,895)	3,21	4.8
	0,19 (0,413)	162	8,302	\$1,735	59,829 (99,885)	14 i	\$17
	(0,19) (0,19)	764	0,404	8,42	(11,217)	1,19	425
	040 (0,435)	156	1,814	87,864	46,740 (44,094)	1.0	457
	(0,792)	441	0,754	94,941	63,796 (31,011)	2,98	1,70
	<u> </u>			39,60	6,327 (23,676)	2,12	
1073	P .			202,100	0,72		9,49
	0,340)	547	1,217	102,594	53,700 (49,002)	9,10	477
	0,19 (0,413)	332	8,052	97,433	53,973 (33,996)	3,45	419
	0,19 (0,191)	506	1.11	100,093	58,988 (37,371)	1 78	P.4
	0,43 (7,435)	756	1,111	109,578	68,910 (34,206)	2,30	7,33
	6,39 (0,792)	550	9,677	169,973	56/03 (31,145)	3,17	46
	I			161,1 2 0	47,940 (21,193)	2/0	
1123	0			212,000	47.0H	-	10,30
	0,349	546	1,820	11 <u>3 145</u>	45,151 (42,452)	6,57	219
	0,19 (0,413)	Shi	1,611	107,449	(11,797)	1,37	6,13
	0,25 (0,131)	485	1,090	йц , 185	58,968 (311,543)	2,31	7,05
	040 (0,445)	467	0,000	121,004	64,005 (23,706)	3,11	7,39
	6,39 (8,792)	9 3	0,396	121,776	67,12) (31,693)	3,71	3,35
	<u> </u>		•	113,000	70,240 (23,615)	3,77	

"Values in providence an equivalent information in 10" of op"



Figure 1. Isotherms of K^+ and La^{3+} mobilities at 1023 K. o - K^+ (line 1), \Box - La^{3+} (line 2).



Figure 2. Isotherms of K^+ , La^{3+} and Dy^{3+} [10] mobilities at 1073 K (1093 K for Dy^{3+}). 0 - K^+ [10], • - K^+ (this work), \Box - Dy^{3+} [10], • - La^{3+} (this work).



Figure 3. Sotianaes of X^{*}, Le¹⁺ and Dy³⁺ [19] mobilities at 1473 X (1893 X for Dy²⁺). $O = 0.^{+}$ [10], $\Psi = X^{+}$ (Sin work), $O = Dy^{3+}$ [10], $S = Le^{1+}$ (Sin work).

Binary symme $\mathbb{E}[1] \rightarrow DyC_2$ and the first one of the (M₂,M₂,z₂)X type (where M₁ – monochast estim, M₂ – which estimates a contrast, X – contrasts estim) the which estime an indication of the first estimation (first estimation of the first estimation) is structured at the first estimation of the structure of the first estimation (first estimation of the first estimates). As it was expected, there is the first first estimate in the protocol of the structure estimates in the system. Otherwards even to be its the first place the result of different the reference within water elements are the interpreteries (alternative of different first energy estimates). As it was expected, there is the test first place is the first excellent of different the result of different first energy estimates with the first place of the first excellent (alternative estimates) and Piper 3 estimates even to be its the first place the result of different first energy energies which water elements even to be its the first place the result of different first energy evences which water elements are elemented as the first place that the difference of stability values is E(1 – LeCI), and E(1 – DyC), syntaxis the to be differential estimates in the test of difference test excels of elements endergies where test estimates are experimental estimates of elements test estimates that the element and difference test estimates estimates related as the element of the first estimates test estimates test estimates the test estimate test estimates to the test estimate of the element estimates in the element estimates of the test estimates of elements the test estimates of elements that the element estimates the test estimate test estimates to the test estimate of test estimates and test estimates test estimates estimates estimates test estimates test esti

Consideration interaction experiments have been worked out for EC1 – LeC1, system at 1023, 1073 and 1173 K. Determinant values of stability of K⁺ and Le²⁵ variants at 1073 and 1173 K and vary similar to three reported is Bornnar-for EC1 – DyCl, system \approx 1093 K [10]. MotOby of K⁺ and Le¹⁶ \approx 1073 K is simple integration from integrations in investigated Graps of compositions. At 1073 and 1173 K motifity of K⁺ is distinctly ingine and determine relations Le⁴⁶ stability between with borners of LeC1, againstee fromities.

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