

# .HYLQ 1 :HVW

3URIHVVRU RI &KHPLFDO %LRPROHFXODU (QJLQHHU) ODEDPD HGX  
 8QLYHUVLW\ RI 6RXWK \$ODEDPD  
 -DJXDUYH 6+ 3KRQH  
 ORELOH \$ODEDPD )D[

## \$FDGHPLF \$SSRLQWPHQWV

8QLYHUVLW\ RI 6RXWK \$ODEDPD ORELOH \$/  
 ± 3UHVHQWURIHVVRU RI &KHPLFDO %LRPROHFXODU (QJLQHHU  
 ± \$VVRFLDWLRQ & KHPLFDO F%DBRQLQHHULQJ  
 ± \$VVLVWDQW & KHPLFDO %LRPROHFXODU (QJLQHHU

8QLYHUVLW\ RI 6W 7KRPDV 6W 3DXO 01

± \$GMXQFW 3URIHVVRU RI &KHPLVWU\

## (GXFDWLRQ

± 8QLYHUVLW\ RI 0LQOHVVRWD 0LQQHDSROLV  
 x 3RVW GRFWRUDO 5HVHDFK \$VVRFLDWH  
 x 1REOH PHWDO FDWV & KHPLFDO SURJUDQW RI QJLQHHU FRQG UH  
 \$GYLVRU 'U ' 6FKPLGW  
 ± \*HRUJLD ,QVWLWXWH RI 7HFKQRORJ\ \$WODQWD \*\$  
 x 3K ' &KHPLFDO (QJLQHHULQJ  
 x 'LVVHUWCO-Expanded Liquids as Environmentally Benign Process Solvents  
 \$GYLVRUV 'U &KDUOHV \$ (FNHUW DQG 'U &KDUOHV / /LRW  
 x 0LQRU 2UJDQLF &KHPLVWU\  
 ± 8QLYHUVLW\ R&KDUOHV DHVYLOOH 9\$  
 x % 6 &KHPLFDZ(LQKQHHL'QVWLQFWLRQ  
 x 7KH Spatiotemporal Variations on an Iron Ring Electrode"  
 \$GYLVRU 'U -RKQ / +XGVRQ

## 3URIHVVRU 0HPEHUVKLSV

x \$PHULFDQ ,QVWLWXWH RI &KHPLFDO QJLQHHU  
 x \$PHULFDQ &KHPLFDO 6RFLHW\ ± 3UHVHQW

+RQRUV \$ZDUGV

x 5XVV 5RELQ /HD )DFXOW\ ,QQRYDWL\$QV\$EDDQ\$ 1DWLRQ

x 0RUWDU %R+RUORFICWVDFHFWHG DV6HQR\$3\$R\$'EKHPLFDO (QJL  
6WXGHQWV

- o &RUH\ 1JX\HQ
- o 0DFN %R]PDQ
- o :LOOLDP & 6SLNHV
- o .DWO\Q \$ %UDPEOHWW
- o -RVKXD 7 5LFKDUGVRQ
- o 0LVEDKKXGGLQ 6\HG
- o . \$DURQ /HSUH

x 86\$ &ROOHJH RI((RHOQHDFHQJQ 5HVHDUFK \$ZDUG

x 7DX %HWD 3L ± \$ODSDVFDU (SULFIRQV&RU RI WKH <HDU´

x \$,&K( \$QQXDO 0HHWLQJ<sup>3</sup>%HWWV&XUJHQWDWLRQ LQ 6HFWLRQ

3XEOLFDWLRQV

-RXUQDO \$UWLFOHV

%URZQ \$ 6 %R]PDQ 0 ( +LFNPDQ 7 - +RVVLDQ 0 , \*ORY  
& 6XSHUK\GURSKRELF )XQFWLRQDOWLDWLRQ&RKH&RWWBQD  
7KLRO HQH &OLFN Inside W&R Engineering Chemistry Research  
KWWSV GRL RUJ DFV LHFU E

%XQJH 0 \$ 'DYLW \$ % :HVW . 1 \* :HVW 6&QWKH\*QRYBQ  
&KDUDFWHUL]DWLRQ RI 8L2 1+ 0HWRPSR2ULMDFHFWJW&HVRUN  
Engineering Chemistry Research

6LX % &DVVLW\ & \* %HQFKHD \$ 6WU\$FNOD60G\$W.HU :LH  
2 %ULHQ 5 \$ :HVW . 1 7KYLVPDOG\ 50REXOVRQZOLPTKURGVF  
VWDEOH LQ DLU IRSC Advances V DW ±&

7KLJ\$H0 1HW½RU 6

2 %ULHQ 5 \$ :HVW & : +ROOLQ JVZHQW KU VRO(M 6DYLQ VSR Q  
0REDUUH] 1 :HVW . 1 0DWWV EQFNLD \$L 6DOWHU\$ (P\$OH:LHUJ  
DQG 5DSLQ 5RXWH WR 1RYHO 7HWUBSC Advances 3 ON\O DPPRQLXP %

0LUMDIDUL \$ 3KDP / 1 0F&DEH (- \$5 :DRJELUN] \$ 6DOW  
6\NRUD 5 ( 'DYLQ %XLQGLQJH DZHUHQJHS URLVRLQFLD @GCTXW B WLF  
Advances, 3

0XUUD\ 6 0 =LPOLFK 7 . 0LUMDYDVL - \$ + 2 :%UWHQ 5 \$  
7KHUPRSK\VLFD 3GDR]SHULWEHVD RHG PTLXS LQVna of Chemical and  
Engineering Data, 58

.ZDQD 0 / 3KDP / 1 0F&DEH -' 5) 2% XURHQ 5HDVL V VVL  
- +

C ' 1/2 0 S L950V OE UF...p SMLG @ @ IFÀ CEJcVgD ÎÈ£ Â ASPÍÓ¥ ‡

50 @ 6G/Á Ài..q#"% B2 B2q B2 0 Ì"4` u "Al5RG] 1 ð ðSLG 2€ H qÕ r À „ X!LW "4` q











5HLFKHUW : 0 3ULQFLSDO \*ORY.HU &R 3ULQFLSDO  
3ULQFLSDO )OXRUHVVFHQW 7HVW 6WULQFLSDO  
6SRQVRUHG ERBGRYKIDVD &HQWHU DQUSHQYDWRQPHQ, QWHUC  
8QLYHUVLW\ -DQXDU\ 'HFHPEHU

:HVW & : 3ULQFLSDO :HVW . 1 &R 3ULQFLSDO \*,ORYHVW  
1RYHO +\EULG \$EVRSRQW5HRHG2DWRLRQHQW5SRQVRUHQYEURQ  
5HVLOLHQF\ PEHU 'HFH1RYHPEHU

:HVW . 1 3ULQFLSDO 'DYLW -: 0 &R 3ULQFLSDO 5HLFKHUW  
RIDQ ,QWHOOLJHQW \*UDYLPHWULF\$QDQHQW5SRQVRUHQYEURQ

&RQWUDFW

)XQGHG &RPSOHWHG

:HVW . 1 3ULQFLSDO \*KURPDKRDLFDXUHQSHWVRI ØHWHWKDQH 3  
6SRQVRUHQEN &RUSRUDWLRQ\$XJLWVWH 2FWREHU

:HVW . 1 3ULQFLSDO \*ORYHU 7 \*7KHURPDKRDLFDSDO 3UR  
0HDVXURPDKR[DQHV 6SRQVRUHG YEDWYRQLNHSWISREHDLRQ 3  
)HEUXDU\



	5	- R	R	R	S	W	R	Q		
	5	/L&	FX	KO	DO	UX	'B	DUWPHQWDO	+RQR	
0LVEDK	X	G	L	Q				0	D	\
	7	'U	KH	RQ	PW	D	V			
	%	'*O	UD	HQ	HH	Q				
	=	'D+	FD	KU	DW	U	\			
	-	* /D	HN	%H	O	D	Q	F		
	.	\$ / D	H U	S R	U Q	H	'H	S DUWPHQWDO	+RQR	
-RKQ	\$	&RRH\			XJXVW			\$		
'RQQD	/	*D\D						0	D	
	-	( D	P	NH	W					
	6	0D0	PX	XU	HP	Ⓟ		0	P	

6HUYLFH 6\QHUJLVWLF \$FWLYLWLHV

8QLYHUVLW\ 6HUYLFH

)	6	HF	Q	W	H				±		
		3	D	V	W		3	U	H	±	V L
		3	U	H	V	L	G	H	Q	±	W
	9	L	F	H			3	U	H	V	± L G

&KDLU ± 7HFKQRORJ\ 8WLOL]DWLRQ &RPPLWWHH  
 DV FRPPLWWHH FKDLU PHPEHU RI ([HFXWLYH &RPPLWWHH  
 ( & Q / D JHX LDF QGX HHV HU U ± L Q  
 ±

8QLYHUVLW\ &RPPLWWHHV

\*UDGXDWH &RXQFLO ±3 U H

,QWHUQDWLRQDO 6WXGHQW 6HUYLFHV 6XFFHVV &RPPLWWHH

6HDUFK &RPPLWWHH 93)\$ +XPDQ 5HVRXUFHV ±

6HDUFK &RPPLWWHH 'HDQ RI \*UDGXDWH 6FKRRO 93 \$FDGHPL

8QLYHUVLW\ 5HWHQWLRQ &RPPLWWHH ±

6H[XDO +DUDVVPHQW 6HFXVROXWRQ &RPPLWWHH

&RPPLWWHH RQ 6WDQGDUGV LQ &RQGXFWR RI 5HVHDFK

6HDUFK &RPPLWWHH 9LFH 3UHVLGHQW IRU LQDQFH DQG \$G

(9LVLRQV 5HVHDFK 6HFXVROXWRQ 6HFXVROXWRQ &RPPLWWHH

8 Q\$ LF6 YD& HGR UHQ VPE LLD WPM \ W M

8 ) 6 'D \$ HF & YX R HO P OWP R\ L S W ±P W H H Q

8QLYHUVLW\ \$FDGHPLF &RPSXLQJ &RPPLWWHH ±

(OHFWURQLF /HDUQLQJ &RPPLWWHH ±

7HOFRQIHUHQFLQJ &RPPLWWHH ±

8QLYHUVLW\ 6FKRODUVKLS )LQDQFLDO \$LG±&RPPLWWHH

\*UDQWV LQ )RFXV :RUNLQJ /XQFK 86\$ 263 ± ,QYLWHG 6SHDN

6\$&6 4XDOLW\ (QKDQ &RPPLWWHH 6HFXVROXWRQ ±

)LUVW <H DU ([SHULHQFH )<( 'HYHORS PHQW±&RPPLWWHH

)UHVKPDQ 6HPLQDU (YDOXDWLRQ &RPPLWWHH VLQJOH PHHW

&ROOHJH 6HUYLFH

&ROOHJH &RPPLWWHHV

&ROOHJH RI (QJLQHHULQJ 5HSUHVHQWDWLYH 3RQVHQW HUVLW  
&RXQFLO

&ROOHJH RI (QJLQHHULQJ 8RQVHQW ± 3HUV  
±

&ROOHJH RI (QJLQHHULQJ 8QGHUJUDGXDWLYH \$IIDLUV &RPPLWWHH

&ROOHJH RI (QJLQHHULQJ 6DIHW\ &RPPLWWHH

&ROOHJH RI (QJLQHHULQJ 6FKRODUVKLS &RPPLWWHH

&ROOHJH RI (QJLQHHULQJ 6RQVHQW ±  
DOVR VHUYHV DV WKH \*UDGH 'LVSXWH &RPPLWWHH

&ROOHJH RI (QJLQHHULQJ (\* &RPPLWWHH

(<( DQG (QJLQHHULQJ :HHN 2SHQ +RXVH ± 2UJDQLJHG 'HPRQVWUDV

(\* ± 'HYHORSHG )HULHQWDEWLQJ ([FHO 3URMHFWV

&RO(\* !

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