

.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)
 ± \$VVRFLDWHV & KHPLFDO F%DBRQHILQHHULQJ
 ± \$VVLVWDQW 3URILFDO %LRPROHFXODU (QJLQHHU)

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

± \$GMXQFW 3URIHVVRU RI &KHPLVWU\

(GXFDWLRQ

± 8QLYHUVLW\ RI 0LQOHVRWD 0LQQHDSROLV
 x 3RVW GRFWRUDO 5HVHDFK \$VVRFLDWH
 x 1REOH PHWDO FDWGRPHGLK SURJHQRORJ\ PRGLWHFRQG UH
 \$GYLVRU\ ' 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 &KHPLFDOZ(LQKQHILQVWLQFWLRQ
 x 7KH Spatiotemporal Variations on an Iron Ring Electrode"
 \$GYLVRU 'U -RKQ / +XGVRQ

3URIHVVLRQDO 0HPEHUVKLSV

x \$PHULFDQ ,QVWLWXWH RI &KHPLFDO 03UHLQHMUV
 x \$PHULFDQ &KHPLFDO 6RFLHW\ ± 3UHVHQW

+RQRUV \$ZDUGV

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

x 0RUW DU %R+DUOOFHCHWOFHFWHG DV6HORSUB\$'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((CHOQHUFHQWQ 5HVHDUFK \$ZDUG

x 7DX %HWD 3L ± \$ODSDVH DU (SULFOHQV&RU RI WKH <HDU´

x \$,&K(\$QQXDO 0HHWLQJ 3% HWW VEXUJHQWDWLRQ LQ 6HFWLRQ

3XEOLFDWLRQV

-RXUQDO \$UWLFQHV

%URZQ \$ 6 %R]PDQ 0 (+LFNPDQ 7 - +RVVLDQ 0 , *ORY
& 6XSHUK\GURSKRELF)XQFWLRQDOWL'DWL'RIQ &KH&RLWWBQD
7KLRO HQH &OLFN Industrial 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+ 0HWRFPSR2ULMDI07HtjW0HVRUN
Engineering Chemistry Research

6LX % &DVVLW\ & * %HQFKHD \$ 6WU\$FNOD60G\$W.HU :LH
2 %ULHQ 5 \$:HVW . 1 7KYLVPDOG\ 50REXOVRQZOLPTKURGV F
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 0DWWVREQFNLD\$LF+DOWHU\$LP\$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 %XL+OGLQJH DZHUHQJHS URLVRLQFLD @GCTXW B W L F
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%ZXRHQ 5HDSVL\VVIL
- +

C ' ½ 0 S L950V OE ÛF...p SMLG@ @À IFÀ OEJcVgD ÎÈ£ Â ASPÍÓ¥ ‡

50@ 6G4B Ài..q#"% B2 B2q B2 0 Ì"4` u "Al5RG] 1 1ð ðSLG 2€ H qÕ r À „ XILW "4` q

5HLFKHUW : 0 3ULQFLSDO *ORY.HU &R 3ULQFLSDO
3ULQFLSDO)OXRUHVVFHQW 7HVW 6WULQFLSDO
6SRQVRUHG ERBGRYKIDV'D &HQWHU DIBU5HQYDWRQPHQ, QWHUC
8QLYHUVLW\ -DQXDU\ 'HFHPEHU

:HVW & : 3ULQFLSDO :HVW . 1 &R 3ULQFLSDO *,ORYHVW
1RYHO +\EULG \$EVREHQW5HRHG2DWRQHQW5SRQVRUHQYEURQ
5HVLOLHQF\ PEHU 'HFH1RYHPEHU

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

&RQWUDFW

)XQGHG &RPSOHWHG

:HVW . 1 3ULQFLSDO *KURPDKRDLFDV@UBHURSHWVRI @HWHWKDQH 3
6SRQVR(UHQEN &RUSRUDWLRQ\$XJLWVWH2FWREHU

:HVW . 1 3ULQFLSDO *ORYHU 7 *7KHURPDKRDLFDV@UBHURSHWVRI @HWHWKDQH 3
0HDVXURPDKRDLFDV@UBHURSHWVRI @HWHWKDQH 3
)HEUXDU\

	5	- R	R	R	S	W	R	Q		
	5	/L&	FX	KO	DO	UX	'B	BDUWPHQWDO	+RQR	
0	L	V	E	D	K	X	G	L	Q	
	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
-	R	K	Q	\$	&	R	R	H	\	
									X	J
'	R	Q	Q	D	/	*	D	\	D	
	-	(D	D	NH	H				
	6	0	D	0	PX	XU	HP	⊕		

6HUYLFH 6\QHUJLVWLF \$FWLYLWLHV

8QLYHUVLW\ 6HUYLFH

)	6D	HF	QX	DD	WW	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 +DUDVVPHEW 6SHXROXWRQ &RPPLWWHH
 &RPPLWWHH RQ 6WDQGDUGV LQ &RQGXFWR RI 5HVHDFK
 6HDUFK &RPPLWWHH 9LFH 3UHVLGHQW IRU LQDQFH DQG \$G
 (9LVLRQV 5HVHDFK 6WDQGDUGV 6SHXROXWRQ &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 &RPSXWLQJ &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 6SHXROXWRQ JUDP ±

)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 8QGHUJUDGXDWL \$IIDLUV &RPPLW

&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(* !



