

0D\ 0D\

\$QQRXQFHPHQW

,Q RUGHU WR HQKDQFH WKH FRPPXQLFDWLRQV
WKH VXEMHFW RI SDUWLDO GLIIHUHQWLDO HTX
WRSLFV ZH SODQ WR KROG ³:RUNVKRS RQ 1RQ
(TXDWLRQV ;,,´ RQ 0D\ 0D\ :H ZLOO L
VKDUH LGHDV DQG UHVXOWV RQ UHFHQW UHVHD
LVVXH

2UJDQLJLQJ FRPPLWWHH

0LMLD /DL 6KDQJKDL -LDR 7RQJ 8QLYHUVL
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)DQJ :DQJ 6KDQJKDL -LDR 7RQJ 8QLYHUVLW
.DL =KDQJ 6KDQJKDL -LDR 7RQJ 8QLYHUVL
&KXQTLQ =KRX 6KDQJKDL -LDR 7RQJ 8QLYHUV

9HQXH

5RRP 1R %XLOGGLQJ 6FLHQFH %XLOGGLQJV
0LQKDQJ &DPSXV
6KDQJKDL -LDR 7RQJ 8QLYHUVLW\
'RQJFKXDQ 5RDG

+RWHO

0HLKDR /L]KL +RWHO
\$GGUHV 1R 6KLSLQJ 5RDG 0LQKDQJ 'LVW
&KLQD
7HOHSKRQH

&RQWDFW XV

0LMLD /DL
7HO
(PDLO ODLPLMLD#VMWX HGX FQ

.DL =KDQJ
7HO
(PDLO]KDQJNDL]I]#JPDLO FRP

5RRP	1R	0D\ 6DWXUGD\ %XLOGGLQJ 6FLHQFH %XLOGGLQJV
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		<XDQ =KRX &KXQTLQ =KRX \$ QHZ SURRI IRU 6DYLQ V /LRXYLO LQILQLW\ KDUPRQL
		-LQJER 'RX &KXQTLQ =KRX 6KDUS ZHLJKWHG 6REROHY LQHTXD GLYHUJHQW RSHUDWRU ZLWK GHJHQHU LQHTX
		7HD E
		.DL =KDQJ <XWLDQ /HL %RXQGDUI\ SRLQWZLVH UHJXODULW W UHJX RIU ERXCSURE
		/XQFK
		\$IWHI
		&KXDQTLDQJ &KHQ)DQJ :DQJ 4XHUPDVVLQWHJUDO L(
		7HD E
		:HLPLQJ 6KHQ 0LMLD /DL 7KH /RHZQHU 1LUHQEHUJ SUREOHP GRP D(FR(
		+XLKXDQJ =KRX 0LMLD /DL 1RWH RQ WKH FRPSDFWQHVV RI FR (LQVWHLC
		)UHH GL
		%DQ \$FDGHPLF \$FV

4XHUPDVVLQWHJUDO LQHTXDOLWLHV LQ V
&KXDQTLDDQJ &KHQ 1LQJER 8QLYHUVLW\
,Q WKLW WDON ZH ZLOO LQWURGXFH WKH
LQ WKH (XFOLGHDQ VSDFH DQG +\SHUEROLF VS
UHVXOWV DERXW TXHUPDVVLQWHJUDO LQHTXD
6KSHUH ZKLFK LV D MRLQW ZRUN ZLWK 3HQJH
6FKHXHU

6KDUS ZHLJKWHG 6REROHY LQHTXDOLW\ L
ZLWK GHJHQHUF\ DQG UHODWHG VKDUS LQHTX
-LQJER 'RX 6KDDQ[L 1RUPDO 8QLYHUVLW\
,Q WKLW WDON ZH SUHVHQW WKH FODVVL
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/HL :DQJ DQG 0HLMXQ =KX

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OXWLRQV DUH ZHOO DSSUR[LPDWHG E\ WKH FRU
RQHV DW VLQJXODU SRLQWV RQ WKH ERXQGDUV
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DQGHVWDEOLVK RSWLPDO DV\PSWRWLF H[SDQV
VROXWLRQV LQ LQILQLWH FRQHV 7KH VSKHULF
RUPHG DUH DOORZHG WR KDYH VLQJXODULWLHV
7KLV WDON LV EDVHG RQ MRLQW ZRUNV ZLWK 3
VVRU 4LQJ +DQ ;XPLQ -LDQJ

%RXQGDUI\ SRLQWZLVH UHJXODULW\ DQG
RI IUHH ERXQGDUI\ SUREOHPV

.DL =KDQJ 6KDQJKDL -LDR 7RQJ 8QLYHUV

,Q WKLW WDN ZH SUHVHQW WKH ERXQ
XQLIRUPO\ HOOLSWLF HTXDWLRQV %DVHG WKL
VLPSOH DQG GLUHFW SURRI RI WKH UHJXOD
REVWDFOH W\SH SUREOHPV

1RWH RQ WKH FRPSDFWQHVV RI FRQIRU
PDQLIROG

+XLKXDQJ =KRX 6KDQJKDL -LDR 7RQJ 8QL

*LYHQ D VHTXHQFH RI FRQIRUPDOO\ FRP
ZLWK D FRPSDFW IDPLO\ RI PHWULFV RQ ERXQ
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UHVXOWV RI FRQIRUPDOO\ FRPSDFW (LQVWHI
PDQLIROG ZLWK)HIIHUPDQ *UDKDP FRPSDFWL
FRQVLGHU WKH RULJLQDO FRPSDFWLILFDWLRQ
:H SURYH WKH HTXLYDOHQFH RI FRPSDFWQ
FRPSDFWLILFDWLRQV

\$ QHZ SURRI IRU 6DYLQ V /LRXYLOOH WKH
IXQFWLRQV LQ SODQH

<XDQ =KRX %HLMLQJ 1RUPDO 8QLYHUVLW

9LD SODQDU WRSRORJ\ 6DYLQ SURYH
SODQDU LQILQLW\ KDUPRQLF IXQFWLRQ 8VLQJ
KH IXUWKHU HVWDEOLVKHG D /LRXYLOOH WKH
IXQFWLRQ LQ SODQH KDV OLQH DU JURZWK WK
[E IRU VRPH FRQVWDQW E DQG YHFWRU D
YLD D VHFRQG RUGHU UHJXODULW\ EXW ZLWK
SODQDU WRSRORJLFDU DUJXPHQW

[illegible]