

:p/ 1\=I*Ô@H@q2 :>DÉA 2i)í?i>Ã;60•(Ž
 , Q I R U P D W L R Q) R U P I R U 6 - 7 8 * U D G X D W H

B.0; * \ Ÿ % DVLF , QIRUPDWLRQ			
B.0; =0 &RXUVH 1	Ä]· &KLQHVit6 ÄPH (QJOÄL3UKLQFLSROOHVGRILFDWLRQ		
-6 &UHGLWV		-& 7HDFKLQJ	+RXUV Ä -6 B.&Ä
0B.-O 6HPHVW	Ü“-O)DOO HU	_VD-O &URVV VH	V 1 P D 6SDQQLQJ Z-YCHU PHVWPHVPHÄVPHUÖÄ Ä
B.0;2« » &RXUVH 7	CJ*.pB. 3URJUDP &RXUVH 7	&RUBH; 62« &RXUVH 7	-fB.0;)RU IXOO WLPH VWXGHQW
B.0; WCX &RXUVH &	CJB. 6SHFLDOLJH &DWHJRÜ\	G. &RXUVH 7DUJHWLQJ	B.0; 0DVVWHU /HYHO 6WXGHQWV
.B.B@0 ,QVWUXF /DQJXDJH	W.LRQKLQHVH	k?±.B.é? 7HDFKLQJ	B.2%— Q FODVV WHDFKLQJ 0HWKRG
@52« » *UDGH	1y\lf /HWWHU JUDG (DP 0HWKRG	k?±63hé? (DP 0HWKRG	1DB :ULWWHQ ([DP
0B.L'3+ 6FKRRO	€É-L' 606(
pŽ-0 6XEMHFW			
COCS‰8 3HUVVRQ LQ	= 1DPH ' ,' FKDUJH -LDQJXR /L	...} 6FKRRO €É-L' 606(6„3+ é? (PDLO OLMJ#VMWX HGX FQ
B.0; ™ ... Ÿ ([WHQGHG , QIRUPDWLRQ			
B.0;1° û]· &RXUHMFUL	Ä 6lä 2F B.0; Ê } Ä‰— 7 Ä k?±‰— µ é Ä x B.0;1y x = A ¾ ‡ ÄÄ *OEjffP J], ' * .p*6Aê -0 Èj -+O ¼ FO ÄF 4ø » a7- fFP È 8ªAiÄÑ *6Aê * .p Ä B.0; k?± H Ž, ' *E÷0; j » È û4ý *, ' * \i*6 ¼ *.DO!, ' 0 àF ... ÄGý&éAä F. *464÷ ' @, ' 08\?ø » Ä *+ M' ' 1Eœ , ' *6Aê > ÎD% Ä @ 6 = w 0 W ú! ' @ ?0 » Ä *E÷0; h+x, ' x f é# Ä1°?± û4ýÄ f ÄMŽ! * f, ' 5 ' ÄMŽ! H Ž, ' @ ¼ f 7 é# ÄE÷ çÄ f, ' * j Ä F j X *E÷0; x f], ' OE+X ¼ Ä+X Ä \B.0; €É0 - * .p Ä €ÉÐ i*6 Ä €ÉÐ E÷0;], ' PEÄ)àB'1yB.0; j x B.0; Ä		
B.0;1° û Ä(QJOÄLVK &RXUHMFUL	ÄN« >] . 08\$ È6+BB' È'r EiLõ Ä Ä \$V WKH IXQGDPHQWUOLDKPBDQXRDIFDQURQJSUWRYLGHV LVVWX EDVLF SULQFLSOHV RI VPDUW FVWDSGJIZUWKQKLJK HILFL ,Q WKH FRXUVH VROGLLILFDWLRQPSROHLEFXWK MHKMDIXQGDI DQG WKH DGYDQFHV LQ WKH VROLGHLBBQWHBQOUBVHQEJF IRUPDWLRQ RI VROGLLILFDWLRQHWRQXSWXUGJLRQVWKHDM IRU WKH VROXWH UHGLVWULEXWLRQOOCGWRSKDVEHQGVU7 VWUXFWXUH RI OLTXLG DQG DPRUDKRXMRQRIGDPVKHSKRK VROGLLILFDWLRQ EHKDYLRU RI XCGHIUFRWONGWKHXVRSOLV FRQWURO ZRXOG DOVR EH LQWURGXFHG 7R DWWHQG WKLW FRXUVH IXQGDPSQWVORM RDWBWHDUOLV WUDQVSRUW SKHQSRPHVVOQPDWKHNDGVEEFHHDUQHGL		

		Ä *AB G> ' ? È 4 G µ é Ö1 8² Ä k?± µ é ÄB. & Ä % - é ?1y Ä			
		¿ ' 1 8²	k?± µ é	B. &	% - é ?
% - W4â]· 6\OODEXV		* p ° 8ª `0 -	*)àB' ÖH Ž Ä 9jÄ j ∈ É * x *, ' ¶ " x * ¼8 'f0 -! éM', ' £3+ x *) ∈ É, 'Gý?± W		B. 2Aâ ,
		H Ž Ä f5 ' ¼ * È -	H Ž Ä f5 ' ú ! > 9 j Ä j ∈ É, ' j [x ' Ä f5 ', '> ~ ± x H Ž Ä f *, ' È - Ì*6		B. 2Aâ ,
		...-(8H, ' *	*E÷0;], ' #q x *E÷0; @ 6, ' 6 ¼ 6 3?ò » x MŽ £> ' * Ö+ M'0c È W È @ 6E÷ ç Ì*6 È Ø*6Aê ¼ Ø 6 Ä x *+ M' a0c > *4ô4÷		B. 2Aâ ,
		J-(8H, ' £M' }"i *	j 8H * Ö !, ' ' 1 È j +O j K È j !+OK, '*6Aê Q »		B. 2Aâ ,
		K(& ¼K(K) , ' *	J s J-(8H, ' * ÈK(K), ' * ÈK(&, ' * È: ÖE÷0;], ' *L NÈ		B. 2Aâ ,
		' Ä f, ' * > j > • Ä	?ò ' Ä f Ä *E÷0; , ' h n' Ä J-(8H, ' • Ä > j È ¼ * \, ' H-(6 Ä. Aö		ÎP¼ ò?ò
		' Ä f E ÷ ç ¼ E ÷ ç ' Ä f, ' *	' Ä f, ' E ÷ ç Ä é# E ÷ ç ' Ä f, ' È - WCX E ÷ ç ' Ä f, ' *		B. 2Aâ ,
		È A * Ä ... !+OK ú H Ž f	È A * é# ... !+OK é# ' f E ÷ 0;], ' *L NÈ		B. 2Aâ ,
		*E÷0; , ' #q Ø > AÑ1Ç	*E÷0;]#q f, '#q Ø Ö#q Ø > TM ", '6V 8 È#q Ø > \$æCX ½ 6G) È#q Ø L NÈ, ' * Q È#q Ø, ' IAÑ1Ç		B. 2Aâ ,
		H Ž MŽ !, ' ' @ ú !(@ W	MŽ !H Ž, ' 5 ' ¼ WCX È MŽ !H Ž, ' 9ç Ç È)è*3' @\$Y Ö		B. 2Aâ ,
		!2Ä4ö F	*E÷0;], ' !2Ä4ö F*6Aê ¼ é# ÈX+O x ÎLu], ' Ä+X		B. 2Aâ ,
		(@/ý * ° _	ò?ò ! ¶ @ È A * Ä... !+OK Ä ' f 1y (@/ý * ° _		ÎP¼ ò?ò
		B.0;63B			63B

		ÄN« >] · 08\$ È6+B B' È"r ÈiLö Ä Ä			
		1 R	6 HFW L R Q V	& R Q W H Q W / V	+ R X U
% - W4â Ä (QJOÄLVK 6\OODEXV		6 ROLGLIL)URP FUD VFLHQFH	FDVOLLRQ RWJ DCR L F 7KH KLVWRU\ RI VROLGLILFDWLRQ 7KH UHODWLRQVKLS EHWZHHQ VROLGLILFDWLRQ DQG WKH RWKHU GLVFLSOLQHV 7KH LPSRUWDQFH RI VROLGLILFDWLRQ W PDWHULDOV	ILFDWLRQ SKHQRPH LQRUJDQLF LQVROLGLILFDWLRQ DQG WKH RWKHU GLVFLSOLQHV LQVROLGLILFDWLRQ DQG WKH RWKHU GLVFLSOLQHV	H B D W R U M D O H B D W R U M D O H B D W R U M D O H B D W R U M D O
		/LTXLG V RI PHWDOV WKHUPRG RI VROLG	WUXFWWVWUXFWXUH DQGXLG PHWDO RUJDQLF DQG QDQRFU DQLF BLKFDUWDLFRQ	GLIIHUHQFH PHWDO RUJDQLF DQG PHWDO RUJDQLF DQG PHWDO RUJDQLF DQG	J J J J
		6 ROLGLIL	FDWLRQ RI	+HDW IORZ LQ	VROLGLILFDWLRQ

	VLQJOH DOOR\V	6KROXWH UHGLVWULEXWLRQ GXULQJ VROLGLILFDWLRQ 1RQ HTXLOLEULXP VROLGLILFDWLRQ LQWHUIDFLDO VWDELQW\ FRQVWLWXWL XQGHUFRROLQJ 3HUWXUEDWLRQ GXULQJ VROLGLILFDWLRQ ,QVWDELQW\ RI WKH LQWHUIDFH DQG VROLGLILFDWLRQ VWUXFWXUH		
	3ODQDU VROLGLILFDWLRQ PXOWLSKDVH DOOR\V	6RROLGLILFDWLRQ RI HXWHFWLF FRXSORR\ RI HXWHFWLF DOOR\ FRXSOLQJ VROLGLILFDWLRQ RI HXWHFWLF DOOR\ FRXSOLQJ		
	&DVWLQJ VROLGLILFDWLRQ FDVWLQJ	6RROLGLILFDWLRQ RI FDVWLQJ VROLGLILFDWLRQ RI FDVWLQJ VROLGLILFDWLRQ RI FDVWLQJ		
	7KH VROLGLILFDWLRQ RI OLTXLG PHWDO VHJUHJDWLRQ	7R REVHUYH WKH OLTXLG PHWDO VROLGLILFDWLRQ RI OLTXLG PHWDO VHJUHJDWLRQ		
	8QGHUFRROLQJ OLTXLG DQG WKH VROLGLILFDWLRQ XQGHUFRROLQJ OLTXLG	8QGHUFRROLQJ RI OLTXLG PHWDO DQG WKH OLTXLG PHWDO VROLGLILFDWLRQ RI OLTXLG PHWDO		
	8QLGLUHFW VROLGLILFDWLRQ VLQJOH JURZWK SULQWLQJ	8QLGLUHFW RI OLTXLG PHWDO VROLGLILFDWLRQ RI OLTXLG PHWDO SULQWLQJ RI OLTXLG PHWDO		
	/LTXLG GXULQJ VROLGLILFDWLRQ DQG LWV QXPULFDWLRQ FDOFXODWLRQ	/LTXLG IORZ GXULQJ VROLGLILFDWLRQ RI IORZ GXULQJ DQG LWV IORZ QXPULFDWLRQ FDOFXODWLRQ		
	7KH IRUP DQG IHDW WKH PHWDO	7KH IRUPDWRU DQG IHDW WKH PHWDO		
	*UDLQ UHILQHPHQW WKH DSSURDFKHV 7KH LQGXVWULDO UHILQHQJ	*UDLQ UHILQHPHQW RI OLTXLG PHWDO DQG LWV DSSURDFKHV 7KH LQGXVWULDO DSSURDFKHV		
	6SHFLDO VROLGLILFDWLRQ WHFKQRORJ JURZWK	6SHFLDO RI OLTXLG PHWDO VROLGLILFDWLRQ RI OLTXLG PHWDO WHFKQRORJ JURZWK		
	([DP			([DP
B.0;±"r Ä].Ä 5HTXLUHP	ÄB.0;63 h é ? Ä63 h 7 ö1y x = A ¾ ± Ä £ & Œ J B.2AQAê H0WV 04063B			

<p>B.0;?±"r Ä (QJOÄLVK 5HTXLUHFP</p>	<p>ÄN« >]·08\$ È6+BB' È"r EiLõ Ä Ä + RPHZRUN & ODVV GLVFXVVLQ)EQDO H[DP</p>
<p>B.0;Ct\$Ä Ä]·Ä 5HVRXUFHV</p>	<p>Ä %o € Ä %o ò Ä5•1 Ct É1y ÄÄ 0 &)OHPLQJV 6ROLGLILFDWLRQ 3URFHVVVLQJ]B \Ö *E÷0; 7"yCŞ ÖH Ž *İ*6 ~W ¼1y Ö *° : .XU])XQGDPHQWDOV RI VROLGLILFDWLRQ]B \Ö *İ*6 0 (*OLFNVDPQ 3ULQFLSOHV RI VROLGLILFDWLRQ</p>
<p>B.0;Ct\$Ä Ä (QJOÄLVK 5HVRXUFHV</p>	<p>ÄN« >]·08\$ ÈB' È"r EiLõ Ä Ä 0 &)OHPLQJV 6ROLGLILFDWLRQ 3URFHVVVLQJ &KLQHVHÖVROVLGRQFDWLRQ SURFHVVVLQJ Ä`i €0 PD,` ` ð00ð</p>