

:p/ 1\=I\*Ô@H@q2 :>DÉA 2Í)í?|>Ã;60•(Ž  
, QIRUPDWLRQ )RÜUPDGRXUD W-H 83 URIHVVLVRQ & RX

Ä 6!å 2F B.0; È } Ä %— 7 Ä k?± %— — μ é Ä x B.0;1y x = A ¾ † ÄÅ  
&B<sup>-</sup> ä!5\_ ,o ä!5\_ ,ä! HÐ<sup>e</sup> 9C Z<sup>1&ùG?o + MP!5\_ ^AEI 4o<sup>\*</sup>V" 1•6.E÷MÖ#  
.a1 Ef4o<sup>\*</sup>V" !5\_ 1•6.o,ñ1 9 G<sup>^U</sup>!5\_ 1•6."Ð+TEf&ùG?#;77.Ä <R!Lo eŽF?p! 'OSNPo<sup>3</sup>  
o<sup>3</sup>o<sup>3</sup> 5y\_p"1•6.EfgY\_ "Ð+To 2§!§ ...9 v!5\_ D0 MPEfZÖd &Š,ä" 1J,äQyo "Ð+T1 9 ýdc  
ä'P&1 .aC Z<sup>1</sup>HÐ<sup>e</sup> 9&ùG?o ä4o<sup>\*</sup>V" ;4N2v" ;5yOü" !5\_ 1•6. 94.3•EfMû# /&HÐ<sup>e</sup>1•</sup>

B.0;1° û  
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|  | <p>B.0; k5 &gt;AØAê<br/>ø?ø ] - -Lu Q § ° _ &gt;Aî 7 Š?ø J</p>  |
|  | <p>ÄN« &gt;] · 08\$ È6+B B' È"r EÎLÖ Ä Å<br/>     &amp; KDSWHU 2YHUYLHZ FUHGLW KRXUV<br/>     7KH VWDWXV FXUUHQW VLWXDW LPRQD Ø QLQ GXVWM ORSPH<br/>     7KH PDLQ UHVHDUFK FRQWHQW VLJLWHDPOV LDQNGH ØØVLH<br/>     PDQXIDFWXULQJ XQGHU WKH PRGHWRXIU LQJWUQHW LC<br/>     2EMHFVLYHV WDVNV DQG UHTXLUHPHQWV RI WKH FR</p> <p>&amp; KDSWHU (YROXWLRQ RI SURGXFW LFRQQ PRSW DQG PRGH<br/>     KRXUV<br/>     (YROXWLRQ RI SURGMFYWORQ PPHRGWV VDQNGDULHQJ\ IRQ CPXDVWK<br/>     (YROXWLRQ RI SURGMFYWORQ PPHRGWV VDQNGDULHQJ\ IRQ CPXDVWK<br/>     &amp; RPSXWHU LQWHJUDWHG PDQXIDFWXULQJ<br/>     &amp; RQFXUUHQW (QJLQHHULQJ<br/>     /HDQ SURGXFWLRQ<br/>     \$JLOH PDQXIDFWXULQJ<br/>     0DVV &amp; XVWRPL]DWLRQ<br/>     ,QGVWU\ LQWHOOLJHQW PDQXIDFWXULQJ GLJLW</p> <p>&amp; KDSWHU 'LJLWDO PDQXIDFWXULQJ OVRHIEHKVQRORUHQGLWWK<br/>     7KH FRQFHSH DQG FRQQRWDWLQJ RI GLJLWDO PDQXJ<br/>     7KH PHWKRG RORJ\ IRU HQWHUSULVHQJ\ WR LPSOHPHQW<br/>     7HFKQRORJ\ V\VWHP RI WKH GLJLWDO PDQXIDFWXULQJ<br/>     .H\ WHFKQRORJLHV<br/>     ,QWHJUDWHG SURGXFW LQIRUPDWLRQ PRGHOLQJ D<br/>     6\VWHP VLPXODWLQJ<br/>     2SWLPL]DWLRQ WHFKQRORJ\<br/>     \$ ,</p> <p>%o - W4â<br/>     Ä (QJOÅLK<br/>     6\OODEXV &amp; KDSWHU 7KH GLH DQG PROG LQWWHOOLGHQMOORISVHJQWW<br/>     KRXUV<br/>     0RGHUQ GHVLRQ ØHQGKIRGVRHOOOLJHQW &amp; '\$<br/>     6RIWZDUH HQJLQHHULQJ DQG V\VWHP GHYHORSPHQW<br/>     ,QWHOOLJHQW GHV LJQ WHFKQRORJ\ DQG V\VWHP RI L<br/>     &amp; RYHU GLH LQWHOOLJHQW GHV LJQ WHFKQRORJ\ DQG<br/>     )RUJLQJ GLH LQWHOOLJHQW GHV LJQ WHFKQRORJ\ DQG<br/>     &amp; ORXG SODWIRUP VWDQGDUG SDUWV OLEUDU\ &amp; '\$ V\V<br/>     .H\ FRPPRQ TXHVWLRQV DQG GLVFXVVLRQ</p> <p>&amp; KDSWHU &amp; RPSXWHU DLGHG SURFHOVQ SODRQHQLQJWD QRSX<br/>     'HVFULSWLRQ DQG WUDQVIHU RI SPUDQGX BWWLXQI RQJDWL<br/>     7KHRU\ DQG PHWKRG RI SURFHVV SODQLQJ GHFLVL<br/>     3ULQFLSOH DQG V\VWHPDWLF PHWKRG RI FRPSXWHU<br/>     .QRZOHGJH EDVHG IOH[LEOH SURGXFWLRQ VFKHGXO</p> <p>&amp; KDSWHU 1XPHULFDQ FRQWURO PDFEQLQLQW HDQGLGW LIQRW<br/>     &amp; 1&amp; PDFKLQLQJ WHFKQRORJ\ DQG WQJHZRRUQF/HKSRS RIG<br/>     0ROG 1&amp; PDFKLQLQJUDRWLRQD WQIS &amp; \$B3 1&amp; QWØIJSUDRVFIHR<br/>     *HRPHWULF DQG SKVLFDO VLPXODWLRQF BQVG RSWLPL<br/>     0ROG PDQXIDFWXULQJ FRVW DVVHVVPHQW DQG UHVR<br/>     0DFKLQH WRRO ZRUNVKRS IDFWRUDQQIRGU RDXWLQJ FDR<br/>     PDQDJHPHQW</p> <p>&amp; KDSWHU &amp; XUULFXOXP SUDFWLFH KRXXBFDU\ DQG GLVFX<br/>     &amp; XUULFXOXP SDSHUV SUHVHQWDWLQJ GLVFXVVLRQ<br/>     9LVLW &amp; KLQD LQWHUQDWLRQDO GLHH[SRG PROG WHFK</p> |

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| B.0;?±"r<br>Ä ] . Å<br>5 H T X L U H P         | ÄB.0;63 h é ? Ä63 h 7 ö1y x = A ¾ † Å<br>?±"rFJE÷\B.0;,-• ÄAØAê >-(£0.D Ð% È ¼ Q § † F a7- fFP, ' * \ 2 % Ä<br>p*6Aê Ä° _f3+ ¼3+5 îà é# Èjþ »-(£B.NÈ.D0! ¼3+5 0 f ;Šî, ' * pÄ<br>@5 Ö * B. 2AØAê CNÈAê .   |
| B.0;?±"r<br>Ä ( Q J O Å V K<br>5 H T X L U H P | ÄN« > ] · 08\$ È6+B B' È"r EîLö Ä Å<br>, W L V U H T X L U H G W R P D V W H W W H R HD Q E Q W L V F W H F R R Q<br>P H W K R G R I G L H D Q G P R O G G L J L W D K O W L Q H W W Q Q L G J H Q G W V F F D X<br>U H O D W H G V F L H Q W L I L F U H V H D U B K D S W D R F O W G F H R R Q Q M D K W V R F Q R<br>V F L H Q F H D Q G W U H F F K Q R Q G R V \ V W H H M P H C H Y H O R S P H Q W<br>* U D G H V F O D V W V D F W W W H L Q G Q D Q Q G L V V H U W D W L R Q                              |
| B.0;Ct\$À<br>Ä ] . Å<br>5 H V R X U F          | Ä %€ Ä %o ö Ä5•1 Ct É1y Ä Å<br>É Q § † F fFP ° _ È F - J *(x/n<br>É)à Q § A î A Ñ fFP*6Aê > ° _ È : #§ Ô F J W - *(x/n<br>& R P S X W H U \$ L G H G ' H V L J Q<br>\$ G Y D Q F H G 0 D Q X I D F W X U L Q J 7 H F K Q R O R J \ ,<br>Q W H O O L J H Q W 0 D Q X I D F W X U L Q J 7 H F K Q R O R J \ ,<br>& R P S X W H U , Q W H J U D W H G 0 D Q X I D F W X U L Q J   |
| B.0;Ct\$À<br>Ä ( Q J O Å V K<br>5 H V R X U F  | ÄN« > ] · 08\$ ÈB' È"r EîLö Ä Å<br>' L H G L J L W D O P D Q X I D F W X U L Q J W H F K Q R O R J \ & K H P L F D O ,<br>0 R G H U Q G L H D Q L Q P D Q G @ B Q X I D F W X U L Q J V R K H R Q U K D Q Q G D W H F<br>- L D R 7 R Q J U 8 Q L W H 3 U H V V<br>& R P S X W H U \$ L G H G ' H V L J Q<br>\$ G Y D Q F H G 0 D Q X I D F W X U L Q J 7 H F K Q R O R J \ ,<br>Q W H O O L J H Q W 0 D Q X I D F W X U L Q J 7 H F K Q R O R J \ ,<br>& R P S X W H U , Q W H J U D W H G 0 D Q X I D F W X U L Q J |
| 7#<br>1 R W H                                  |  |