

3RYHUW\ 3UHGLFWLRQ 'HHS /H DUQLQJ 0RGHO

0LQJL .BQDVV RI

7KLV VXPPHU XQGHU WKH &KULVWHQIHOG 6XPPHU 5HVHDFUFI  
-HRYD )DULDV RQ D SURMHFW DLPHG DW GHYDFRSLDQJ BIGHHSHOH  
LPDJHU\ FODVVLILFDWLRQ 2XU &RFXWR ZDWWRQD QRMBOHWMFKQLJ  
ZKLBKPLWRSURYH LPDJH FODVVLILFDWLRQ E\ DQDO\]LQJ WKH UHO  
QH DUHVW QHLJKERUV UDWKHU WKDQ UHO\LQJ VROHO\ RQ DGMDF  
VLJQLILPSOVRDGLWLRQDO PHWKRGV XVHG LQ LPDJH UHFRJQLWL  
SRYHUW\ SUHDFWLRQHLQPDJHV

7KH SULPDU\ REMHFWLYH RI RXU SURMHFW ZDV WR FUHDWH  
VDWHOOLWH LPDJHU\ WR SUHGLFW SRYHUW\ OHYHOV 7KH &RQY1  
FODVVLILFDWLRQ E\ LQFRUSRQDWKHLQ LFD EHWUR DSDUWLFQVBIJVO\ZEWB  
VWUXFWXUHV DQG ODQGPDUNV 2XU K\SRWKHVLV ZDV WKDW WKL  
FRPSUHKHQVLYH XQGHUVWDQGLQJ RI WKH GDWD XOWLPDWHO\ C

7R DFKLHYH WKLW ZH ILUVW LPSOHPHQWHG DQG WHVWHG W  
DSSO\LQJ LW WR WKH PRUH FRPSOH] WDVN RI SRQYUOB1SUHGLFW  
XVLQJ WKH 01,67 GGDHDFWLRQDO UHSUHVHQWDWLRQ RI KDQGGZULV  
VWDQGDORQH 1H DUHVW 1HLJKERU PRGHO GLG QRW RXWSHUIRUP  
PRGHO WKDW FRPELQHG ERWK &RQWHF DQIGT XHUGKWRZRGDQJFRQY  
SHUIRUPDQFH LPSURYPRGHOVGHPRQVMEHWG WKDW RXU DSSURD  
WKH UHODWLRQV KLSV EHWZHHQ FHQWUDO SL[HOV DQG WKHLU QI

)ROORZLQJ WKH VXFFHVV RI WKH ' PRGHO &RQWGBQVLWLRQ  
ZKLFK LQFOXGHG DGGLWLRQDO FXVWRPL]DELOLW\ RSWLRQV VXF  
FDSDELOLWLHV DQG YDULHG VDPSOLQJ RQWZRGDWHWHWWXGFW  
01,67 )DVKLRQ 01,67 DQG &,)SSHUIRUPDQDFWLRQFRMUFODVVLILF  
GHQRLVLQJ WDVNV :KLOH WUDGLWLRQDO FRQYROXWLRQDO PRG  
UHVXOWV ZHUH SRFRWHDGJWRJDDQGV IRU IXUWKHU UHILQHPHQW

7KLV VXPPHUSUHVHQWV WKH ILUVW SKDVH RI D EURDGHU SURM  
3UHGLFWLRQ 'HHS /H DUQLQJ 0RGHO 0RYLQJ IRUZDUG ZH SODQ  
WKURXJKRXW WDFDGHPLF \H DU ZLWK WKH JRQDHRIRRSYDLPLRQJLV  
SURFHVV LQJ WDVNV 7KH DLP LV WR DSSO\ WKH &RQY11 WHFKQL  
LPDJHU\ ZLWK WKH VHFRQG SKDVH RI WKH SURMHFW H[SHFWHG  
VFKRRO \H DU

,Q FRQFOXVLRQ RXU &RQY11 SURMHFW KDV ODLG D VWURQJ  
FRQYROXWLRQDO WHFKQLTXHV LQ GHHS OHDUQLQJ GHPRQVWUD

)DFXOW\ 0HQWRU -HRYD )DULDV

)XQGHG E\ WKH &KULVWHQIHOG 6XPPHU 5HVHDFUFI )HOORZVKLS

5HIHUHQFH V JLWKXE FRP PNDQH DUHMHWRKFRQXWLRQDO