

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 &RQY1SUHGLFW
XVLQJ WKH 01,67 GGDHDFWLRQDO UHSUHVHQWDWLRQ RI KDQGGZULV
VWDQGDORQH 1H DUHVW 1HLJKERU PRGHO GLG QRW RXWSHUIRUP
PRGHO WKDW FRPELQHG ERWK &RQWHF DQGLXHU DQGLWZRGDQJFRQY
SHUIRUPDQFH LPSURYHPRGHOVGHPRQVWUHWG WKDW RXU DSSUR
WKH UHODWLRQV KLSV EHWZHHQ FHQWUDO SL]HOV DQG WKHLU Q

)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 &,)SSHUIRUPDQFWRQFRMUFODVVLILF
GHQRLVLQJ WDVNV :KLOH WUDGLWLRQDO FRQYROXWLRQDO PRG
UHVXOWV ZHUH SIFRWHGJWRJDDQGV IRU IXUWKHU UHILQHPHQW

7KLVXPPHUSUHVHQWV WKH ILUVW SKDVH RI D EURDGHU SURM
3UHGLFWLRQ 'HHS /H DUQLQJ 0RGHO 0RYLQJ IRUZDUG ZH SODQ
WKURXJKRXW WDFGHPLF \H DU ZLWK WKH JRQDHRIRRSYDULRQJLW
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 DUHM&RQXWLRQDO