

PHWKRG DXWRPDWLRQ E\ FRPSXWHU DVVLVWHG FRXQWLQJ LV FRPPRQO\ XVHG
DQG FDQ EH LQFRUSRUDWLRQ LQ WKH FRGLQJ RI WKH FKLS
IXWXUH

3&5

3&5 LV D ELRFKHPLFDO WHFKQRORJ\ XVHG WR DPSOLI\ D VHFWRU RI '1\$
E\ VHYHUDO RUGHUV RI PDJQLWXGH JHQHUDWLQJ WKRXVDQGV WR PLOOLRQV RI
FRSLHV RI D SDUWLFXODU '1\$ VHTXHQFH 3&5 LV FRPPRQO\ XVHG LQ FOLQLFV
IRU FDQFHU GLDJQRVLV 3&5 DOWRSHQDQZV IRU UDSLQ DQG KLJKO\
GLDJQRVLV RI LQIHFWEDXWV GURUDV&5 GLDJQRVWL
DSSOLFDWLRQV LQ PLFURELORJ\ LV LQ WKH GHWHFWLRQ RI LQIHFWLRXV DJHQ
DQG GLVFULPLQDWLRQ RI QRQ SDWKRJHQLF IURP SDWKRJHQLF VWUDLQV E\
GHWHFWLQJ WKSHSLHQFH\ GHWHFWRU RI LQIHFWLRXV
SDWKRJHQV JLWLVQSKVLCV DQPH LQ WUHDWPHQW 3&5
EDVHG '1\$ TXDQWLWDWLRQ WHFKQLTXHV DUH DOVR XVHG WR PHDVXUH YLUDO
ORDG

HUHUH QXPHURXV YDULDWLRQV RI 3&5 WHFKQLTXHV WKDW DUH XVHG IRU
GHGLFDWHG SXUSRVHV @ 3&5 HJ D PGLDQVWL
WHFKQLTXH EDVHG RQ VLQJOH PGLDQVWL YDULDWLRQV 3&5
XQGHU VWULQJHQW FRQGLNOLWV LQ WKH PGLDQVWL
PLVPDWFK EHWZHHQ D WHPSODWH DQG SULPHU DQG WKXV VXFHVIXO
DPSOL}FZWLQD VLQJOH QXFHWRV LQ WKH PGLDQVWL
SULPHU LQGLFDWHG WKH PGLDQVWL

0LFURDUUD\

\$ PLFURDUUD\ LV D PXOWLSOH[GLPHQVLRQDO DVVD\ IDEULFDWHG RQ D
JODVV RU VLQFRQ VXEVWUDWH ZKLFK GHWHFWV ODUJH DPRXQWV RI ELRORJL
PDWHULDO DQG LV XVHG DV D KLJK WKURXJKSXW VFUHHQLQJ V\WHP :LWK WKH
HVWDEOLVKPHQW RI JHQH\$KPSWFRQSDQHV VXFK DV
\$\$\$SOLHG 0LFURDUUD\ \$UUD\ LW DQG ,OOXPLQD '1\$ PLFURDUUD\
WHFKQRORJ\ KDV EFRPH YHU\ VRSKLVWLFDWHG DQG ZLGHQ\ XVHG LQ PHGLFDO
DSSOLFDWLRQV VXFKS DR}OGLDQVWL
FRS\ QXPEHU DQDO\VLV DPRQJ RWKHUV > @

ODVV VSHFWURPHWU\ RI '1\$

\$QDO\VLV RI '1\$ E\ VSHFWURPHWU\ LV DFKLHYHG E\ SHUIRULQJ WKH
IROORZLQJ SURFHVVHV FUI\WDOOLJDWLRQ RI WKH 3&5 SURGXFW LRQLJDWLRQ F
FUI\WDO E\ ODVHU DQG LRQ GHWHFWLRQ EDVHG RQ SURGXFW PDVV \$V VPDOOH
PROHFXOHV WUDYHUVLQJ D F 5 KLTB100300625988FDZ02(300)2(W)568H5(KF-W46-4(R2B(Q)-5R(9W)

3RLQW RI FDUH WHVWLQJ