



(GLWRULDO

RSHQ D

'HSDUWPHQW RI 5HSURGXFWLMDKLLRQBLD
&RUUHVSRRQLQSVEXWRRK +DOGHU 'HSDUWPHQW RI 5HSURGXFWLYH %LRORJ\ \$D,06X1M2VHKKLOQGLDJ P7B
5HFHLYHG GDWH \$FFHSHWHG1SDWH 3XEOLVKHGRGDWH
&RSULJKW (+DOGHU \$ 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGDU WKH WHUPV RI W
GLVWULEXWLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXUFH D
(GLWRULDO

&DQFHU LV D GLVHDVH HURWWGHQJHQRPH WKH UROH RI
JHQHWLFV LQ FDQFHU GHFDXVHFDVWRQDQVHOSKLD
FKURPRVRPH LQ FKURQLF P\HORLG OHXNDHPLD > @ DQG QRZ ZH DUH LQ VXFK
D VWDWH WKDW ZH FDQ FUHDWH QHRSODVWLF FHOOV LQ WKH ODERUDWRU\ WKH
JHQHWLF PDQLSXODWLRQ RI QRUPDO FHOOV 1RUPDO FHOOV FDQ EH WUDQVIRUPH
LQWR FDQFHU FHOOV E\ LQWURGXFHQJ IHZ JHQHV K7(57 5DV ODUJH 7
RQFRSURWHLQ RI VLPLDQ YLUXV HWF LQ HPEU\RQLF FHOOV RU WHORPHUDVH
QHJDWLYH FHOOV > @ 'H QRZR QHRSODVWLF WUDQVIRUPDWLRQ LV LQLWLDWHG
JHQHWLF OHVLRQ GXH WR DQ HUURU RFFXUULQJ GXULQJ QRUPDO FHOO GLYLVL
LVLQLWLDQ HYHQW SURYLGHV D SODWIRUP IRU RWKHU JHQHWLF OHVLRQV WR
GHYHORS LQ GXH FRXUVH RI WLPH :KHQ WKH SURSHU FRPELQDWLRQ RI
JHQHWLF OHVLRQV DFFXPXODWHV LQ FHOO LW EHFPHV PpGLVHUHQW DV WKH
WUHDWPHQW DV ZHOO DV GXULQJ IROORZ XS SHULRG WR
HPLVVLRQ RU UHODSVH > @ 6HFRQG OLQH RI WUHDWPHQW FDQ
HDOO FDQFHU W\SHV DUH EHLQJ REWDLQHG WKURXJK FDQFHU JHQRPH SURMHFW
D FRPSUHKHQVLYH YLHZ RI FDQFHU GHYHORSPHQW

D\$URRQVWFDQFMWHDQRPILQ
NQRZ ZKHGHVWRHWVWUJHW DQG KRZ WR WDUJHW
LQGLYLGLXDO]HG WDUJHWHG WKHUDS\ LQFOXGLQJ
WHP FHOOV DQG SULQFLSDO GULYHU SDWKZD\ &DQFHU
H[SHFWHG WR KDYH D IDU UHDFKLQJ LPSDFW RQ RXU
DQFHU ELRORJ\ DQG ZLOO OLNHO\ SURPSW QHZHU PHGLFDO
PHGLFLQH L H SUHGLFWLYH HDUO\ GHWHFWLRQ RI
WLFDO LQIRUPDWLRQ IRU RSWLPL]LQJ ZHOHQHVV WKURXJK
UHVSRRVLEOH IRU GLVHDVH VHQGLQJ DOHUWV HDUO\ DQG
LYH PHDVXUHV SUHYHQWLYH UHGXFHQJ WKH OLNHOLKRRG RI
W ULVN LQGLYLGLXDOV ORQJ EHIRUH WKH GHYHORSPHQW RI
HYHQWLYH WUHDWPHQWV HDUO\ GHWHFWLRQ FDQ EH SODQQHG
WDUJHWHG WKHUDS\ PHGLFLQH PXVW IRFXV RQ HDFK
(LQFOXGSR}SHXJ WR[LFLW\ 6RRQ JHQHWLF
DFWHUL]HG DV ZHOO DV UDWRQDOL]H SHUVRQDOL]HG FDQFHU
DOVR UHDO]H WKDW WKH KLJK JHQRPLF YDULDELOLW\ DQG
WXPUBSTHWOQJXLVKLQJ GULYHU
IURZWK DGYDQWDJH DOORZLQJ FHOOV WR H[SDQG PRUH

FRQWULEXWH WR FDQFHU GHYHORSHPHQW DQG SURJUHVVLRQ DQG OLNHO\ WR FUH
DGGLWLRQDO FRPSOH[LW\ > @

,Q IDFW SUHVHQWO\ ZH GR QRW NQRZ HLWKHU RXU HQHP\ FDQFHU RU RXU
FDSDELOLW\ PRGDOLWLHV RI FDQFHU PDQDJHPHQW IXOO\ FRPSOHWHO\ DQG
KHQFH LW LV XQH[SHFWHG WR ZLQ DOO EDWWOHV ZLWKRXW D VLQJOH ORVV DJD
FDQFHUV :H QHHG PRUH NQRZOHGJH DQG LQWHJUDWLRQ RI LQIRUPDWLRQ WR