

([SORULQJ WKH 8VH KRHSU\VRML,OTI\RF XWLRQD
'LIIHUHQW 6RFLDO ,QWHUDFWLRQV

<LMLQJ *XR

6FKRRO RI)RUHLJQ RORJDORJL\HODGWRQJ-BQRQLGRKH &KLQD

\$EVWUDKVV SDSHU UHYLHZV CRFZX\$XRVDDQ\GDEW VDFHHRWR IDFHV
FRPPXQLFDWLRQ DQGDWRQRQQHQFRKPKQDSHFVQWHUDFWLRQ WKL
SODFHV DWWHQWLRVHRQDVKNDXWHDQGSRODMDDFHFRQODQJXDJI
FODVVURRPV ,Q WHUPV RI RQOLQH VQWBEWERQRCQ YDFHMEBSH
RI PHPHV HPRWLFROVNHBRM\$WVDHDDWUYHMHZLQFKVHWKLV SDSHU
WKDW ZKHQ WDONLQJ IDFH WR IDFHQGWKNDOMKYHDD REIDFRUJURQ
SHRSOH\V SROLWH ODQJXDJI ,Q (6/DFQD VDUWRIRV LVSRIVS\WZLRQ
WHDFKHUV\ DQG VWXGHQWV\ FKRLFH RSHDFKJDFJHV SRZHHYHJ
)DFHERRN LV FRQIOLFW 3UHYLRXV UFDQHDEHFKFDSRHQRVHGHGX
FRPPXQLFDWLYH VSHHFK DFWV (YLGHVQBHVSRZIVHWKBE\ SRKLEW
LPSURYH IULHQGVKLSV DQG YLFHQWU\DXWKM WIRYLXHZWRKHOLWV
LOORFXWLRQDU\ DFW DQDO\LV RIR(BPXFOLFDMURVPHVILQF\WLYHQD
PHPHV RQ WKH UHFHLYHUV

,QWURGXFWRQ

2YHUYLHZ RI 6SHHFK \$FW 7

7KH DUWLFOH UHYLHZV WKH NH\ OLWHUDWXUH FRQFHUQH ZLWK WKH
DQDO\LV RI VSHHFK DFWV LQ IDFHWRIDFH LQWHUDFWLRQV DQG W
RQOLQH FRPPXQLFDWLRQV EDVHG RQ \$XWLRQV LLOORFXWLRQV R
DFW WKHRU\ > @ PHQW ZKLFK FDQ EH FDOOHG D³VSHH

2Q WKH RQH KDQG SHRSOH IURUWKHDFWV R\XVFFSHVYFKODP SDVVLQJ
VXFK DV DSRORJLHV UHTXHVWV KHDFHULQ\GFLXGLRQFYHUVDFWLRQ LQY
+RZHYHU WKHVH VSHHFK DFWV V\XWLRQHRUDPHGXWKH EDVHVHROWVSHHF
E\ HDFK LQGLYLGXDO DQG WKXU\JGOVSHHFKGDWRV\GQMRUWQWHH WIS
UHIOHFWLRQV IURP WKH UHFHLYHURQWFRQYH\LQJ OLWHUDO PHDQLQJ LC

2Q WKH RWKHU KDQG VRFLDO RHGLDSUHVFKLQJ W\XVH\SRNKHQV LQWH
JDLQHG JUHDW \$RSHODULW\XMRUDFWWRWKISUFRQWHTXHQFHV EURXJKW D
WKHPVHOYHV DQG SHRSOH XVH PHPVHVGWR IXQVWLQ\PRQWRGLQW\XLV
+RZHYHU WKHUH LV VWLOO D QDQ\RXJXQGMH\GWDQSWQJODRFXWLRQ
LQWHUQH\ XVHUV\ SUHIHUHQFVSHBNHYVSHPHQDQWRUZKHQUD PHDQ
FRPPXQLFDWLRQ RQOLQH DQG ZLQDULH\G RSHXFKDFWLRQVFRQ LQ ZK
PHPHV DFW LLOORFXWLRQDU\ DFW EXW ZDQWV WK

7KHUHIRUH WKLV DUWLFOH ZLQWUWKV JOYWKDHRPHVYH\ZIRW LV I
VSHHFK DFW WKHRU\ WKHQ VKRZ UHFHLYHURDUUHVXQWV DFRYXWJWKH
JHQHUDO SDWWHUQV DQG SUHIHUHQFHV RI LLOORFXWLRQDU\ DFWV LQ
GLIIHUHQW VRFLDO LQWHUDFWLRQV W\XVH\SRNKHQVDFWLRQV 6H
FRQWULEXWH RFWKHV\ SUHIHUHQFVUDPHVRENDQ DQG :HLJDQGV\ GLDOR
LQWHUDFWLRQVHWKQVDFUHWVROHDFRFXQWDFWLRQV DQG :HLJDQGV\ GLDOR
DQG RQOLQH LQWHUDFWLRQ ZKLFK ZLQDULH\G RSHXFKDFWLRQV VV
VWXG\ RI FURVV FXOWUDO VSHHFK DFWV SUHVH\GQVSWH\G\&KQV\ VV
(QJOLVK OHDUQHU DQG KRZ WKHV\SHHFKDFWLRQVDFWLRQV VV
NLQGV RI HPRWLFRQV 'LUHFWVSHHFK DFWV RI WU\LQJ WR JI

&RUHVSRQGLQJ DXWKRU JXR\LMLQJ#LOQX HGX FQ

VRPHWKLQJ VXFK DV UHTXHVWVKRJR XOPV DQGG\ FRQVLGHUHG FXO
 &RPPLVVVSHHVFH DFWV RI FRPPLVWV DQGG\ FRQVLGHUHG FXO
 VRPH IXWXUH (DSRORJLHV DQGG\ FRQVLGHUHG FXO
 H[SUHVVLQJ IHHOLQJV DQG DWWLWXGHV DQGG\ FRQVLGHUHG FXO
 'HFODUDWVSRORJLHV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 FKDQJHV E\ VDLQJ VRPHWKLQJ H[SUHVVLQJ SROLWHQV DQGG\ FRQVLGHUHG FXO
 :HLJDDQGV WDLRQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 W\SHV RI VSHHFH DFWV E\ DQDQJ DQGG\ FRQVLGHUHG FXO
 VSHDNHUV DQG 'HFODUDWVSRORJLHV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 RI DQ XWWHUDQFH WKDW FKDQJHV DQGG\ FRQVLGHUHG FXO
 ([SORUDWVSRORJLHV DFWV RI DQ DFWV DQGG\ FRQVLGHUHG FXO
 LQIRUPDVSRORJLHV DFWV RI DQ DFWV DQGG\ FRQVLGHUHG FXO
 SXUSRVH DQG H[SHFWV D IXWXUH DQGG\ FRQVLGHUHG FXO
 5HSUHVHQW DFWV RI DQ DFWV DQGG\ FRQVLGHUHG FXO
 FODLP WR WUXWK DQG DLP DW DFWV DQGG\ FRQVLGHUHG FXO
 GLUHFV ODQJXDJH VSHHFH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 >K \$SSOLF DWRQ RI WKH +RZHYHU WKHVH WZR IDFWRUV
 ,OORFXWLRQDU\ \$FW \$SSOLF DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 SDWWHUQ PD\ QRW EH XOLYHUVDV
 7KLV VHFWRQ ZLOO IRFXV RQ GLVFXVVH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 \$XVWLQV WKHRU\ RI LOORFXWLRQDU\ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 LQWURGXFH VHYHUW DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 LQWHUDFWRQ LQFOXGLQJ WKH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 JXDJH LQ (6/ FODVVURRPV DQG DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 IRFXVLQJ RQ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 XVH RI HPRWLFHQ

3.1.2. ESL Classroom

)DFH WR)DFH &RPPXQLFDWLRQ

3.1.1. The Use of Polite Language

\$XVWLQV LOORFXWLRQDU\ DFW WKH
 (6/ FODVVURRP FRQFHUQLQJ WZR DVS
 UHTXHVW LQ D FODVVURRP WKH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 RQ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 7KLV VHFWRQ PDLQO\ GLVFXVVH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 WLRQDU\ DFWV KLGGHQ EHKLQG SHRORJLHV DQGG\ FRQVLGHUHG FXO
 JXDJH 7KLV VHFWRQ ZLOO IRFXV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 DSRORJLHV UHTXHVWV DQG LQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 H[SUHVVLQJ 'LOORFXWLRQDU\ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 IRU LQGLUHFV UHTXHVWV RU LQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 GDWLRQ RI SROLWHQHV WKHRU\ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 DQG WKH WKHRU\ DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 IRXU FRQYHUVDWLRQDO PD[LQV ZKLFK DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 WLW\ PDQQHU DQG UHOHYDQFH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 WLRQ > @> @
 \$EEDV HW DO SHUIRUPHG TXDQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 ZD\ 3DNLVWDQL (QJOLVK XVHUV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 DQG /HYLQVRQV FRQFHSW RI SROLWHQHV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 FRQVLVHG RI IRXU VWUDWHJLHV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 SROLWHQHV EDOG RQ UHFRUG DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 .XOND HW DO SURYLGHG DQ H[SODQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 UHFRUG' PHDQV' FRQVLVHG WLRQDO DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 +HQFH 'EDOG RQ WLFHQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 UHFRUG' PHDQV 'LQGLUHFV' > DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 SUHYLRXV VWXGLHV VXJJHVWLQJ WKH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 JHQGHU DQG UHODWLRQV DQGG\ FRQVLGHUHG FXO
 SHRORJLHV FKRLFH RI ODQJXDJH DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 WKDW D PDMRULW\ RI VXEMHFWV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 ODQJXDJH WR DSRORJLHV WR IULHQV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 XVH 'SRVLWLYH SROLWHQHV' VWUDWHJLHV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 JHQGHU ,Q DGGLWLRQ WKH 'SRVLWLYH SROLWHQHV' DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 IUHTXHQWO\ XVHG E\ VXEMHFWV DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO
 UHJDUGOHVV RI JHQGHU DFWV RI EULQJLV DQGG\ FRQVLGHUHG FXO

EDVHG RQ FDWHJRULHV UHT 3.2.1. Memes, Emojis, and Stickers DUH
 FRPPRQO\ XVHG LGHUVH DOKO LIBF%RIUV ' 3 DQG
 5 SURSRVHG E\ %URZQ DQG /HYLQVRO DUH MQG DQG VSHWLFNHUV DUH IUHT
 WKH VWXG\ RI WKH ZHHQDWWXG VIKLQV DQG WR FRPPXQLFDWH ZLWK HDF
 GXH WR WKHLU QRWLFHDEOH FODVXU QGG DQJLQV UHVHDFK KH SRLQW
 VSHHFK DFW DQG EDVHG RQ IRXU PD

2QOLQH &RPPXQLFDWLRQ

3.2.1. Facebook

,QWHUQHWW XVHUV VKDUH WKHLU FRKRUK KWDQ DQG GHDFWLRQ LQVH WWR XJK
 VRFLDO PHGLD VXFK DV)DFHERRN PHPHV WKLDO DSHLW DQ DZWWK WH
 IRUP GLV SODJW RI RQH RQH VSHWLFH LQ VDKG PDKH RUHDFWLRQ VKRW
 DFW DQDO\VLV RIS)DFWERRNOVDW DWWXG VLVWV XGULDWLRQ LQ VWUXFWX
 VKRZV WKH FRPPXQLR DWWXG DWWXG DUXZHQOLQV V UHVHDFK KH V
 KRZ SDUWLF LSDQWV LGHQWLWLKDYHU PHUDSLQV SRWHQWLDOOR XWK DWK HL
 SRVWV > @ H[SUHVV VPRHWKLQJ +HQFH PHPHV F

,O\DV HW DO VWDWLYH FRPPXQLRQ GHYHODLQV KLDW KDYH GLIIHUHQW XV
)DFHERRN XSGDWHV EDVHG RQ 6HDV SHV VLSH RSKLQERQW DPHGRHWNR WLR
 ZKLFK FDWHJRULJHV VSHHFK DFWV XHQWR LIRQV WYSWF > @H @\$ TKHGH L
 GDWD VKRZHG WKDW WKHXFRQVSHHG KPE DWD DUH FKDQQHOV WKURXJK
 H[SUHVVLYH DFRQVWUDWGHJ WDDW FRBWH RQG @ > @ *UXQGOL
 H[SUHVVLRQ LV HDQS LQGLYSHV QVDFRQVSHW LIRP VHPLRWLFV WKDW LV
 ORUHRYHU WIDYH DFWVHUZKLFKWKIRZVHW WKKM LPSRUWDQFH RI WKH
 SHRSOH DUH HDJHU WR OHW RUWKIRXV FHQWRYDKODE WKHWRD BHHORW
 \$GGLWLRQDOO\ ,O\DV HW DO LQSWRRGXFWRQ QZB WQSHHSBWBWDFKL RQ
 DFW FDOOHG SRHWF YHUVHV WKD RPLVD SRXOWILPRGKODHSBMBM FRVLQ
 DQG ZDQW RWKHUV WR HQMRI WFRXV DQGS BQW WR XGHWKHW DQG ZK I
 XSGDWHV IDOO LQWR WKLV FDWHJRU DUH FRPPXQLADWLRQGLFSGWIDEOH

7KH LQWHUDFWLRQ EHWZHHQ SRVQ HDG DQ GRQR PDHQR VDFOR GHLV DQ
 VHHQ DV D UHDO GLDORJXH +HQFH RFWLRQ DBUWMDHFHQW VLLQVHDUHFER DU
 GRQH E\ 7VRXPRX LQYHVWLJDWHG DOLDQ XDSUHXWHLRQZSRQJW DPHO WHUI
)DFHERRN LQWHUDFWLRQV &LDQZKLFKO RLSIHUHQWHG IURP WKH -DSDQ
 DFW IUDPHZRUN ZKLFK FRQVLVWV KRIZR XU SHSIRQIVVSWDFKHDFWVHOL
 > @> @ 8QOLNVXGKXSLQJYBRD WRYVSHWAKD FEXW DQ DFWXDO SLFW
 WKHRU\ SRLQWHG RXW WKDW HSLFHWXLYH WDFDW FDLQHKDKH ZRRUGW JU
 IUHTXHQWO\ XVHG VSHHFK DFW WQLADIFHRFRNQ HQDGEQFXWLG LQ PHV
 7VRXPRXV VWXG\ VXJJHVWHG WKDQV DHLSORHDDVFIYH XWWMZHUEDQDFQV HV
 RXWQXPEHU WKH RWKHU WKUHHUHV@DUFKFDXRP DV WRQWLRQGHGKH V
 EHIRUH H[SORUWDLQWHDDFWV DDBHPRWIKRQLRMLV DQG VWLFNHUV
 PHDQW WR SURGXFH DQVZHUV IURP@WKHKLWVHQBDO RUXPDVSHHRKXV
 DFW WKDW RIIHUV LQIRUPDWLRQ FRPPXQLRQV DWWXG VLVWV XGULDWLRQ LQ
 LQ SROLWLFDOO\ RULHQWHG)DEHERINRU VSGRPRDQV DQXFKDQDQVXV
 HOHFWLRQ VHDVRRQ LQIRUPDWLRQ SUHYNHVWRH WKHUFRQDQGLDFWV FODXG
 YRWHUV IXQFWLRQV 8VLQJ PRUH HPRWLFQRV

%RWK RI WKH DERYH WZR VWXSRVLWLQYHRVHLVDVFBQSHRPSORIV IULH
 SUHIHUHQFH IRRU WQBJXDJHRQK)DFHERRNRYHUXVLQJ HPRWLFQRV PD
 +RZHYHU WKH XVHG WZR GLIIHULFSW HSHLRFK VDFZDUG WIKZIRVHQGHU >
 VLQFH WKH PDWHULDO LQ 7VRXPRXV VWXG\ WRXGRJQLWFRQVLEGRPPXQLFDW
 GLDORJXHV WKXVGLDORJQDQV WSHHRIKDFWKH PHVDJHVPHDQLQJ
 IUDPHZRUN LV PRUH DSSURSULDW KHWRQDQWV KHU @JDPHZRQVHW [WXDQ
 6HDUOHV VSHHFK DFW IUDPHZRUNXGHPRQGHV WDKDWH WRKHVSHRMLFRQV
 XWWHUDQFH EXW KH GLG QRW FRQVHGHVWVQVUHDVFKBQ @HJWVHY
 OLWVHQHU 7KHUHIRUH XQOLNH WKHU BZHYL BXRERDQVFRULHDXWQWQDBR
 VSHHFK DFW SURSRVHG E\ \$XVVDQW DQGS QDPUOHVHDFBQSR LQWHG R
 GHYHORSHG D QRYHO FDWHJRULJZHWLRQVHRP DQVZVSBQVSHWVHYWV Z
 WKDW LV VKH FRQVLGHUV WKH RSSRVLQWV @HDQV LBO XEGLVHV DQVFR
 GLDORJLF SHUVSHFWLYH DV\QFKURQRXV IRQVSHRVIDWMLYHQ HPRWL
 XVHG DQG WKH XVH RI HPRWLFQRV F
 ZKHUHDV WKH UHVXOW LV WKH RS
 FRQYHUVDWLRQV > @> @ *HQHU

.HEDQJVDDQ 0DOD\VLD \$YDL0DEOH. DQV %DOGULGJH ' &
KWWSV HMRXUQDOV XNP P\ O DWHWLFSLH QVWZ LPSUHVVLQRV RI VH
\$FFHVHVG -DQXDU\ LQWHUDFWLYHHHEIDWF XHVQRQG UH
%DFKPDQ / *Fundamental considerations in* SHUVRQDQW\Business Communication
language testing Google Books 283 2[IRUG SS ± \$YDLODEOH
\$YDLODEOH KWWSV GRL RUJ
KWWSV ERRNV JRRJOH FRP ERRNVQDVRXQW)XQGDPHQWDOV BHLMQ :\$
&RQVLGHUDWLRQVBLQB/DQJXDJB7+KVPO "LQW Effects & Technologies can
JTF& \$FFHVHVG)HEUXDU\ influence intimate interactions and improve social
&DQDOH 0 DQG 6ZDLQ 0 connectedness WHHUHQWLFHQEVLRYQDO -RXUQD
RI FRPPXQLFDWLYH DSSURDFKHV &RPSXWHRQG QVXGLJH \$YDLO
WHDFKLQJ *Digital Linguistics* LQJ ' SS ± KWWSV GO DFP RUJ GRL M L
\$YDLODEOH DW KWWSV GRL RUJ \$FFHVHVG DSSHEUQDU
%DFKPDQ /) DQG 3DQPHU \$ 6 8W] 6 36RFLDO LQIRUPDWLR
testing in practice: Designing and developing useful 08'V 7KH GHYHORSPHQW RI IULHQ
language tests Google Books 283 2[IRUG ZRUOG\Journal of online behavior
\$YDLODEOH <DRR - 37R VPLOH RU QRW WR
KWWSV ERRNV JRRJOH FRP ERRNVKID ERXHWV WQQRX DJPHBWH FRQV RQ UH
VWLQJBLQ *Proceedings of the 11th Group Decision &*
\$FFHVHVG)HEUXDU\ *Association Conference*
+ROWJUDYHV 7 36HFRQG ODQJXDJH QHDFKHU \$ DQDQG %RV \$ (
VSHHFK DFW *Practical Learning* LQJ ' UROH RI HPRWLRQ LQ FRPS
SS ± \$YDLODEOH FRPPXQWFDWLRQ *Computational Linguistics*
KWWSV GRL RUJ M Behavior [SS ± \$YDLODE
7DJXFKL 1 SOLFOWLSRQ RI UHWHYSDQF GRL RUJ M FKE
WKHRU\ WR WKH DQDO\VLV RI / &VWUSSHWHW XWHRQ SURFH VWHVWLHZH
7KH FRPSUHKHQVLRQ RIRALQGLUHFKM UHSDMHWQFKURQRXV FRPSXWH
International Review of Applied Linguistics in UHVSRO\Users and Composition SS ±
Language Teaching \$YDLODEOH \$YDLODEOH DV
KWWSV GRL RUJ LUDO KWWSV GRL RUJ M FRPSFRP
,O\DV 6 DQG .KXVKL 4 3)BENERRN %RQDSSV XSPENRZ -YRQ
8SGDWHV \$ 6SHHFK *Asian Mic* \$QDQ\PRWLFQRV DQG VRFLDO LQWHUDFW
Research International SS ± LPSRUWDQFH RI *Computer-Directed*
7VRXPRX - 0 3\$QDO\VLQJ BehavioR SHHFK DFWVSSQ ± \$YDLODE
SROLWLFDOO\ UHODWHG)DFHERRNV &RPPXQLFDWLRQ M FKE
-RXUQDO RI 3UDJPDWLFV SS \$KQ : \$YDLODEOH DQW+DQ . KHH
KWWSV GRL RUJ M SUDJPDQRQYH\ HPRWLRQ *Carroll's & Sops in*
%DFK . DQG +DUQLV *Linguistics* 0 Computing >3UHSULQW@ \$YDLODI
communication and speech acts &DPEULGJH \$ KWWSV GRL RUJ HZLF KFL
0,7 3UHVV %UDXPDQ (37KH HIIHFWR RI HPR
*UXQGOLQJK / 30HPHV DV LQSHHFKUBRXYV DQG DV\QFKURQR
Social Semiotics SS ± \$YDLODEOH *Proceedings of the 11th Group Decision &*
KWWSV GRL RUJ *Negotiation Conference (GDN 2010)* SS ±
/HYLQH 3 DQG 6FRQQRQ and5 *HWWLQJHU - DQG .RHV]HJL 6 7
technology: Multimodal discourse analysis ZRUGV 7KH HIRVLFWRM HQ HOHF
:DVKLQJWRQ ' & *HRUJHWRZQ 8Q\PRWLFWRQ *Leadership in Business Information*
-HZLWW & 30XOWLPRGDQWHWKRQV SS ± \$YDLODEOH
UHVHDFKLQJ 'LJLWDO SHHFKQRORJLHV GRL RUJ
Handbook of Digital Technology Research SS ± &DR = DQG <H - 3\$WWHQW
\$YDLODEOH HPRWLFQRV XUDJPHUHQ\International
KWWSV GRL RUJ *Conference on Computer Sciences and Convergence*
7DQJ < DQG +HZ .) 3(PRWLFQRV (PSMLRUJ SS ± \$YDLODEO
DQG VWLFNHU XVH LQ FRPSXWHU PHGLDWHG LFFLW
FRPPXQLFDWLRQV 8QGHUVWDQGLQJ LQVHFRPPXQLFDWLYH XGLQDO
IXQFWLRQ LPSDFW XVH *New* EHKDYLRU LQVHFRPPXQLFDWLYH PHVVDJLQ
Media for Educational Change SS ± HPRWLFQRV *Computers in Human Behavior* SS ±
\$YDLODEOH DW KWWSV GRL RUJ \$YDLODEOH
B KWWSV GRL RUJ M FKE

:ROI \$ 3(PRWLRQDO H[SUHVVLQR RQOLQH
*HQQGHU GLIIHUHQFHV LQ HPRWLFRQ XVH '
CyberPsychology & Behavior SS ±
\$YDLODEOH DW
KWWSV GRL RUJ
&KHQ ; DQG 6LX . : 3([SORULQJ XVHU
EHKDYLRXU RI HPRWLFRQ XVH DPRQJ &KLQHVH \RXWK '
Behaviour & Information Technology SS
± \$YDLODEOH DW
KWWSV GRL RUJ [