

UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

\$OJRULWKPLF 'HVLJQ DQG 2SWLPLJDWLRQ
\$PEXODWRU\ 8URG\QDPLFV

by

)DUKDWK =DUHHQ

For the Ph.D. degree in Computer Engineering

/RZHU XULQDU\ WUDFW G\VIXQFWLRQ /87' LV D GHELO
RI LQGLYLGXDOV ZRUOGZLGH 8URG\QDPLFV LV WKH FX
XVHV QRQ SK\VLRORJLFDOO\ IDVW UHWURJUDGH FVWR
IXQFWLRQ &XUUHQW VWDWH RI WKH DUW UHVHDFK
XURG\QDPLFV XVLQJ ZLUHOHV LPSODQWDEOH GHYLFH
ILOOLQJ IRU ORQJ+RZHUHQWV RQ WKH WHUHQDUH YDULRXV FKDO
PXOWL VHQVRU DSSURDFK 7KLV UHVHDFK ZRFXNDLQW DXW
GHWHFWRQ GDWD DQDO\VLV DQG RSWLPLJDWLRQ RI C
DQG WUHDWPHQW RI /87' ,Q SDUWLFXODU WKLV ZRUN
IURP VLQJOH FKDQQHO UHFRUGLQJV XVLQJ VLJQDO S
LQWHJUDWLRQ RI DFFHOHURPHWU\ DQG EODGGHU YRO
XVLQJ VHQVRU IXVLRQ WHFKQLTXHV DQG RSWLPLJDWLR
XVLQJ PDFKLQH OHDUQLQJ IRU V\WHP SRZHU UHGXFWR

:HGQHVG D\ WK H FHPEHU
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