

Ebtesam El-Bestawy , Sabir J , Mansy AH and Zabermawi N

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Rec date: -XQ Acc date: 0 Pub date: \$XJ

Copyright: (O %HVWDZ\ ( 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH WHUPV RI WKH<br/>XVH GLVWULEXWLRQ DQG UHSURGXFWRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXU

**Abstract**

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7KH PDLQ REMHFWLYH RI WKH SUHVHQW VWXG\ ZDV WR LQYHVWLJDWH WKH  
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ORDP VDQG VRLO FXOWLYDWHG ZLWK FRUQ PDLJH FURS DQG WUHDWHG ZLWK  
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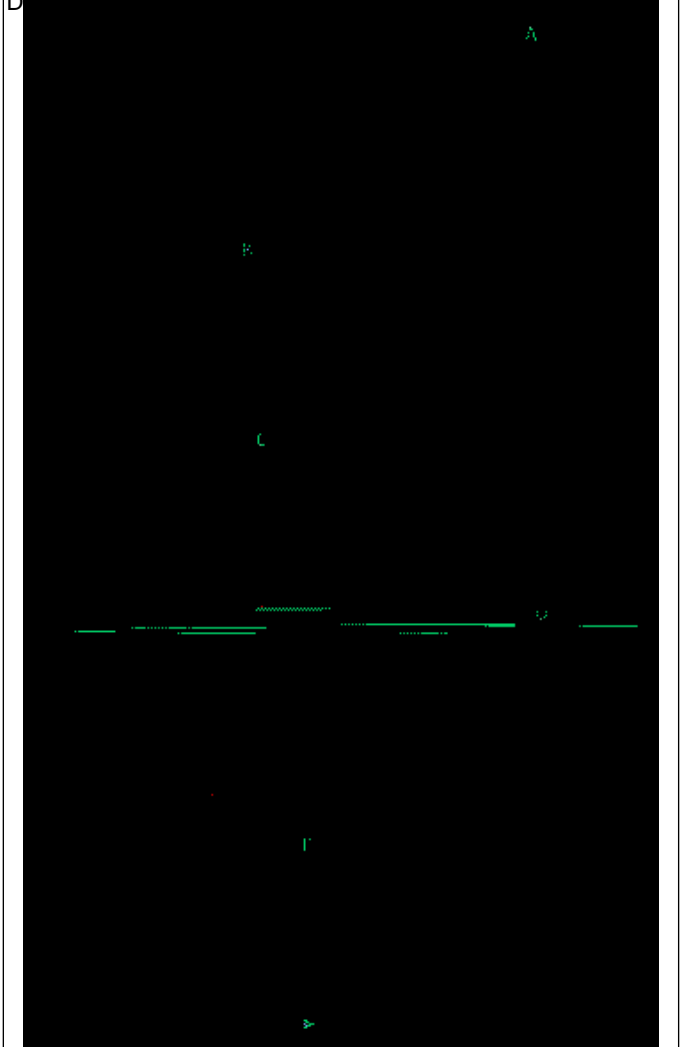
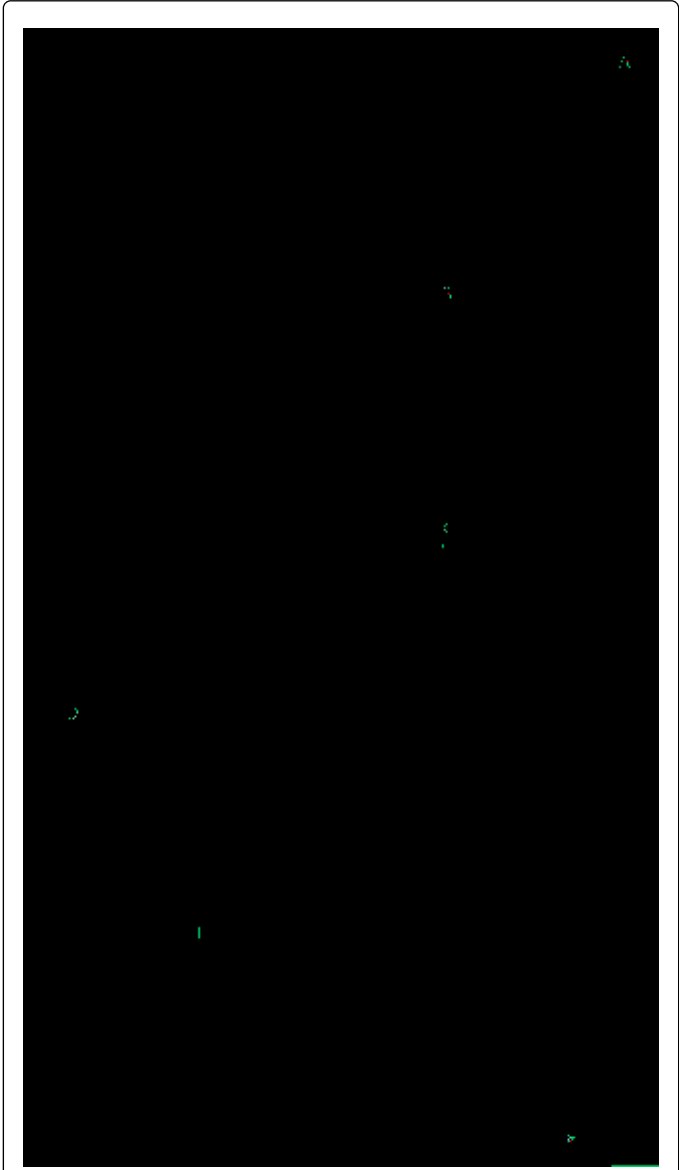


FRPSDUHG WR WKH RWKHU WHVWHG WHFKQRORJLHV 7KLV FRPELQDWLRQ UHGXFH  
WKH UHVLGXHV WR LWV ORZHVW OHYHO PJ O LQ VRLO

Citation: (O %HVWDZ\ ( 6DELU - 0DQV\ \$+ =DEHUPDZL 1 &RPSDULVRQ DPRQJ WKH (IILFL  
\$WUDJLQH±&RQWDPLQDWHG 6RLOV - @RLRUHPHG %LRGHJ

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& 'D\ ' GD\ RI \$WUDJLQH \$SSOLF

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TM &)8 J UHVXOWHG LQ UDSLQ DWUDJLQH @HPRYDO IURP DQ LQLWLDO  
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RI 3VHXGRPRQDV VS \$'3 ZLWK DWUDJLQH DWUDJLQH RI LQGLJHQRXV  
ELRVWLPXODWLRQ UHVXOWHG LQ LPSOLRPHOORULGDWLRQDWUDJLQH ER  
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ELRGHJUDGDWLRQ RI FUHRVRWH HYHQ RI  
WUHDWPHQW GD\ > @ ,PSRUWDQFH



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&RPSDUDWLYH ELRUHPHGLDWLRQ RI VRLOV FRQWDPHQDWLG ZLWK GLHVHO RLO E\  
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