

G"p 1 Ô c2(4 4~4 ++BLòB·Fú"r U4~4 EG
Z"› Eƒô*U³ 4~4 A0Ó - \ %

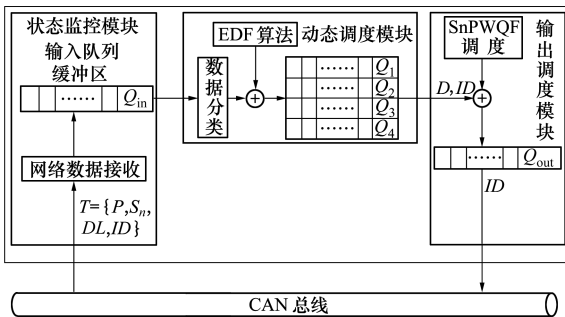
U p 1 Ô c2(4 Z"U» 1 W} 2(4 7 Ö Ô c
++• › \ È # T++"59*U» ! f 2(4 %öä . &1)3
< C'ã . # • › \ L' È # T±%p 1 Ô c2(4 Z@è
4~4~4 A0Óg c # "Á 3 X g 1.ú • › 3 Fz5E/ S
ê " È(ÝA0Ó++™ T %9 # "U p 1 Ô c2(4 ++
È # • › # ý È • › \ 6 R i ++M\$¼ T" p E.0
Á 3 • › 6 ¼ p E. "S F Ò c0 G@Ń • › u59
00 %

, z e *U±KLD A0Ó0Ä" C52 Ö . A0Ó0Ä
" ò" , - ü èP0Ä" xð&6Öè0Ä" "ò ÷ £,% ++f
E 0Ä" 0v" \ (/ø T • › g++t @ǎ # " z - #
h • › 1 8 - # h • › ,% T g L#"p E.M\$¼
Mí? %m " ,! Ò Á *U] p 1 Ô c2(4 Z %f ›
p 1 Ô c2(4 Z • › ++i %æY ' ý ' 3 - .ú Ý±±
A0Óg c ððö i jêü èPA0Óg c " L? à p 1 Ô
c2(4 Z • › ++M\$¼ T &È # T 1™ T 0vA0Ó
K MÅ%

#‡ p 1 Ô c4~4 Ræxé pEA0Óg c

#yÔ‡ A0Óg c @@@

p 1 Ô c2(4 4~4 A0Óg c 3 g F 3 ää
. +p Ô N,, &Ö . A0Ó N,, ÐÀ' A0Ó N,, %A0Óg
c ±±ì)3 - + 0 m.g à



+ 0æp 1 Ô c4~4 A0Óg c ì)3 s +

'ã . +p Ô N,, *U» Ò c4~4 7%æ p E. • › ++
A\$0 "£ ì • 2 4~4 • › ++E u3ÔP" • › ++W•
L DL" • › ++M\$¼ \$ S_n"p E.7%æ±ID %U'ã . +p
Ô N,, Z"@ð³ ßWDÀ' 4@... èçè KLD"U» ...
Ö m Ò c] ++A\$0 p E. • › " E- z UA0ÓDð8 Z

O ^ • › %

• › 31" N,, *U» 3 p 1 Ô c2(4 Z ±±• › E
=y31" "£ ...U 17 ++• › KLD Z %U' N,, Z
@ð³ xW èçè KLD"3 X ...Ö x1" p 1 Ô c4~4
• › %x1" • › 6=• ßE =y31" à
=• Ô‡ p @Ö c2(4 4~4 • › 31"=

| | | | |
|------------------|----------------|----------------|----------|
| • › 1" , | E u3Ô | ...ÖKLD | èçè J- Ö |
| g È # • › | P _B | Q _B | l |
| È # • › | P ₀ | Q ₀ | l |
| L' È #L' • L • › | P | Q | l |
| L' È # • L • › | P _x | Q _x | l |

KLD Q_B ~ Q_x 3 X ...Ö x1" E u3Ô±±• › "xW
KLDJ- Óg l" E u3ÔP_B > P₀ > P > P_x %U ...
› # "g³ @î • › ++È # T"ü WKLD 6&"W• L
DL û <] T±M\$¼ ...• › %

DÀ' A0Ó N,, Z @ð³ DÀ' 4@... èçè KLD %
N,, Z èçè KLDEÐðö i jêü èPA0Ó0Ä" "3 A\$0
• › ++ID k' DÀ' 4@... èçè KLD Z "£ EÐðö öŃ
h3i p E.4 m < ++7%æU' N,, Z "DÀ' ++i •
\ 1 W A\$0 ±±D 1 ID "DÀ' gA0Ó±±4 É %
#y‡ Ræxé pE0Ä" @@@
0ÖZæü èP0Ä" È(Ý æ"

ü èP \ - W' »;‡ 1 = #K!±±A0Ó0Ä" "\
& Hèi %G U 1)3 • ž Ø œA0Ó0Ä" ++N È(Ý ò%
;a &c Hèi 0Ä" ++: Î Ì F \ 4 &™ ±±"s ^ ^ »
° \ È)3 "n N,, • › 2 3 = /æ < ±±• ›
p %U p 1 Ô c4~4 Z" • › MDÀ±±- < , p \ 1
j ±±• › T" ' Hèi 0Ä" \ : 6* È(Ý ±±%ü èP
0Ä" \ EÐðö & Hèi 0Ä" ±±f E "U0Ä" Z B ' ³;‡
#K! * • 1;‡ #lì "£ 6&" Hèi 1)3Dð8 & ü
- W33ñE =y 1)3 "\ - W' »;‡ 1 = #K!±±A0
Ó0Ä" %‡ #K!B. < "F E u3ÔB·P KÒ%

ü èP0Ä" S ê 3Fz æ" \ àt @æ , # j "t_i =
.g] Dè#K! "B_j =.g EGC" , # ±±p i g φ_i %V%o
=.g;‡ #K! "U : Î • 1 »/§ K 'ã . ±±m 6 #K!
t 4) g ! %U (< -1 • L ";‡ #K!F* û V%bo -
ø %V%o Ç v g à

‡ V%bo = !

$$V%ρ_{B} + τ = V%ρ_{B} + \frac{\tau}{\sum_{i \in B_j} \phi_i} \quad \%bo$$

‡ τ j t_j - t_{j-B} "œj = 0" -

$$\frac{S_i \%_p t_{k+\beta} O}{f_i} + \frac{S_j \%_p t_{k+\beta} O}{f_j} j \frac{L_{1U}}{f_j} j \frac{S_j \%_p t_{k+\beta} O}{f_j} \%B o$$

$$\frac{S_i \%_p t_{k+\beta} O}{f_i} - \frac{S_j \%_p t_{k+\beta} O}{f_j} j \frac{l_i}{f_i} + \frac{L_{1U}}{f_j} + L_{1\bar{z}} = M$$

úž† KLD • › ±± Ë # T

UY ´ ±±A0Ó g c Z " f › TM T @ @ Dø8

Ä] - NA0Ó • L ±±- J- # K! g á

$$T_{1U} = \frac{L_{1U}}{v_{in} - v_{üw}} + \frac{l}{v_{\bar{z}} - v_{üw}} + \sum_{i=\beta}^0 \frac{L_i}{v_{\bar{z}} - v_{üw}} \%B o$$

< Z á $\frac{L_{1U}}{v_{\bar{z}} - v_{üw}}$ = .g KLD Q_β Z g Ë # • › ±±- J-A0

Ó # K! + $\frac{l}{v_{\bar{z}} - v_{üw}}$ = .g KLD Q₀ • L T • › Z ±±- J-

A0Ó # K! + $\frac{L_i}{v_{\bar{z}} - v_{üw}}$ = .g Q₁ Q_x Z L (Ë # ±±A0Ó # K! %

*^ » U p 1 Ô c 2(4 Z L_{1U} j l " v_z - v_{üw} j v_{üw}"

UA0ÓDø8 Z " Ë # • › ±±A0Ó # K! E E < » L (

Ë # • › %

$$\frac{L_{1U}}{v_{\bar{z}} - v_{üw}} j \frac{l}{v_{\bar{z}} - v_{üw}} j \sum_{i=\beta}^0 \frac{L_i}{v_{\bar{z}} - v_{üw}} \%B o$$

ææ@ð g p 1 Ô c 2(4 • › 4~4 A0Ó # # 7K} "

f › %B o < 3 ¼ @ç - D_{Qβ} < D_{Q0} < D_Q j D_{Qx} %

A! ; ³ A 0Ä" 6* L 6 u] ü > Ë # T • › ±±#

%

¼ , , L ÆÖ¹

Y ´ Z ¬*U ±± , L ÆÖ¹ \ ' » Xö Äö > ð

i ð ü z ´ ' /ø, Ü . 3 ½ (Ü ° " 9 # ! Dª7 Ç v ±±,

4 Fz4) N ,, ÷ ö¶ N ,, %EÖD i ð ü z ´ N , *L =

-TM# 8 Dý=y ±± - . " Ë (Y & 1 W4~4 7-%æ±N %

Ö . 6Öè0Ä" E =y³ 4~4 EG ÆÖ¹%

ËÖ¹æ" - 8 ä@ð 4~4 Z 1 W7-%æ± ì 1 »

9 ' 'ä . +U Ë # T • › Ò ´ ² æ ~ ' 7-%æ± E . #

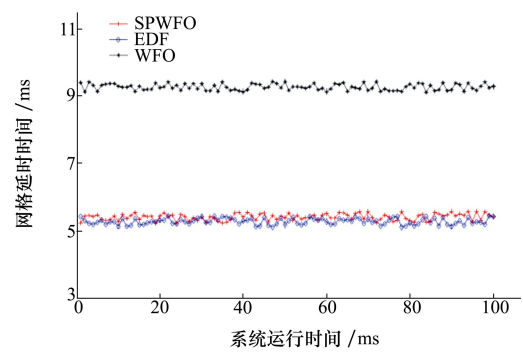
K! t_{üw}" - < , z g !. B] " Ò c 0 Ò c] • › ; U

• › Ò ´ Z ~ ' Ò c # K! t_z" , , L Dø8 f › TM < d =

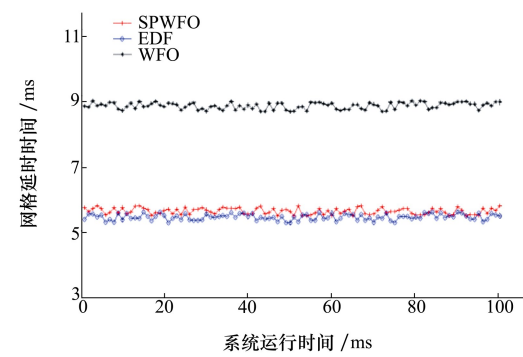
t_{üw} - t_z @ðÄ# # %Y @ç 3 X 4 R Ô c 7-%æ±

OY \$ z 7-%æ± # # • › " &! .úA0Ó0Ä" "4 É

- 8 ä



+ æ4 R 4 Ô 7-%æ± › # # &!



+ xæ \$ z 7-%æ± › pE . # # &!

+ &+ x=• ; U Ë # • › MDÄ# "Fö*UY ´ æ

" • › MDÄ# # ; 6Öè0Ä" ±±# # ! D° ÒDp%59

Fö*U ü èP0Ä" "2(4 # # D° T %

¼ž† TM T , , L ÆÖ¹

-TM# @ð - 8 äU , L2(4 Z @ð ö¶ 7-

%æ± B! W"3 X N ³ 4 R Ô c 7-%æ± Wp 1 \$

z 7-%æ± @ð ö¶ h3i EL(´ g 0" ´&ð 2 BX&ð ±±

