

! " #

\$%&') ' * +1980, - . / O1! ' 234"5678" 2
349, : ; <=>?' 234@>A==B' CD' EF* GH-
I J KLMNOQRSTUVWXYZ; WXZ[\] ^_abcdefg;
Whb] Vi j k-

Al mn

2009.09—2013.06' op: ; qA' QR: Ar st AuQRv
sst wxAl ' ysAEFAz {

2003.09—2006.06' op>sqA' } ~stAu} ~] st
wxAl ' ysA! FAz {

1999.09—2003.06' " #qA' } ~Au} ~] st wxAl '
ysAAFAz {

I J: K\$h&'

1a: K()

X1_I * +, - . : A/O1 2() ' 34m5 586{

X2_I * +, - . : A/O78/O' 34m5 476{

X3_I * 234" 9K: ; <() ' m5 156{

X4_I * =x>?@NAB4(' C; m5 936{

X5_I * " 9DEFGHAB() 2(' C; m5 96{

X6_I * 234CI JKL: ; MN() ' m5 26-

2ayO+, : PwQDR4(' STUVFBGbc bWXYZ [
\] Vi ^_hVi M` a aSTU/ +b bcdef ghi M` a

\STU/ +j bkgVi eI mnopqr saASTU/ +Mt

j uevwXLEDyz { | f gka -

3ayO} (

X1_y234“5678”} (' ~ ! T{

X2_y234K" AL# \$\$%} X: A; W_%" } ' ~

! 5-

X3_2018, ! &' (234# \$AW) * T" } ' ~ ! %{

X4_2016, ! &+ (234# \$AW) * %" } ' ~ ! T-

4aw,

\$%&' - . / b] UVr sO; h1 2Xw, _'] sx3

45' 400 67' 2018.12

5a: 8 SCI 9:) *

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注: *为通讯作者