

JYScãÑÑ s ys-vÑÓ yÓ ÓÑÑ SéÑÑ Óúú y'

# # Ó. < 3ü4~4 8 +± RÛt 7] 7f, 4 í "x ; g 3 N ,

P| « • ßwD w9, S|N ß w=⊗ ß wE ² Ä 0

%žž ù)3 T" @ĐÄg.p " ; /8 " K" „ Ù œ0ß! x+ 0Ž "x ~ L /8 -A/£ m" 7"x œ0! !0x! o

...œ@Å5 = • ±L\$Dëoi ö• d] 7f, 4 í "x U"x"8+p"x Z p R,mB. ' B·Fú>@±%\*U |µ & iö• + ü Z7] 7f, 4 g %D° < wM4 æ' @ CF Ÿ• " ý 1ë3ó, 4! @0vK MÅW »# Ó " • - \ ý ' - .ú f E +± iö• + ü 7] 7f <, 4 í "x N, wh>@^ FE6g ý 4~4 o• ê¶d', 4 í "x4~4 3ñ= NÄu @@@É @ßß- W6\*1ë> @Ø7] 7f <, 4+± ¶¶ N, w&c; V\*UA N, &, 4 í "x N, ž Ø! @ ý oE=yī • J ø C w ; V\*U7 F&Kó±i çwç Ksiö• + ü 7] 7f <, 4 • > Kó& £E=y@ßß È O'4 É=•; wý ' +± 4 í "x N, & iö• + ü Z7] 7f ^ <! , 4 6D°a +±í "x g 3 T6\*1 Ä Ÿ• 6\* È w& iö• + ü <, 4 í "xM³ -A/£ x 6 - Ç+±í 50\$ i

œl| œ@Űi ö• + ü 7] 7f, 4 # Ó. < 3ü4~4 , 4 í "x ' ' @ý FE6g ý Z + 31" \$ Ä ¶ " @Ž0œœœé' ([ 4 -. Äöœœœé' 0 4C\$ Åß!!K@ %@! B o! K" @K@

œœ> \* \ - W"x à 3i J- & "8L•/ - & "8Bq#½ü Nß±T \* "• Dæ ã L." ' â Oí DÄx û , L." , < & pY0v"h Ö " - > \* L• a,m"x"8 ¶ • 1 M³ L p +÷ ] . 5î 0vK MÅ% ' " & "x 7, 4 E =yí "x 1 @ó X x 6 n 3 Fú>@±(Ÿ È < v % L D³ 5 = • ±L\$Dë %ö• d^ » £ : !A F & i "x # â +±ž ú "6\* • V # & V F & 3 DŸ & T r L• & ] > i "x " 3üU"x"8 +p"x 1 "x 7 ÑEG+p"x Z p R,mB. ' B·Fú>@± %\*U ß0%

M4 +± iö• 7] 7f í "x æ" - • ; ‡ @(" %ö• ç wç wí U U U ç d w" èö• o 00 í "x OÄ" " h >@ V\*Ux @@@±! @ ' í "x "Ks3 Ÿ ; +± 7] 7f, 4 "s \ E .ú æ" +± 4gK\ & Dp"x, 4+±@Ø T6\* D° "Kë ç K' Ý ž < È 0v; ‡ @ "% ' C " iö• + ü Z ...U • ¾ — 1 Dý Ö N1 ÷ ) 7! 7] 7f K! / D° T " E @œ@M4 +± iö• 7] 7f í "x æ" ý 6 u +±! @ Ä Kë%

Dp; ' "K¼m# Ó " • +± ELp , " # Ó x / . < 3ü4~4 %ö• ç U ç U ç U ç U ç w•ç " ¶¶ oU + ü 31" 0& 4 í "x x0 & v 3 Ÿ "0vA%G@ĐÄg>ó

>ö( î Z Ä ³ T = ì % @ä @ã ¹ " 52- ø V \*U# Ó. < 3ü4~4 ' 1 = @ĐÄg>ö>ö( î Z +± 4 í "x K MÅ% Hç d=ü 0vç 3, 4 í "x K MÅT C g 31" K MÅ, %4 ý ' ³ • K ¶¶ 01 !Uw• K ¶¶ @, 4 í "x æ" %\*^ » !Uw• K ¶¶ FE6g +± ý ú & ç \ U ê 7E =y+± "ELÓD° • "• ç 0v 0ý ' ³ !Uwç • K ¶¶ æ" "B ' ³ g ' @Ű~4 %ç k=ç qç q• U ç w•ç "• ê¶o M4 +± g ý æ" "L Ö ¶¶ ' 1 = FE6g +± ý "£ A 3 • ê¶ 1 !Uw• K ¶¶ ž Ø• + x / ' ! @ "T T ý P ³ N, +± í "x u( % € "¶ ÷ & 9 - 1" : 9 g % +±, 4 E =y g 3 # " (Ÿ 6 ' » # Ó. < 3ü4~4 +± 31" N, " Dë] 7œ± +± 31" u É % iö• + ü = ü C .è D°E " + ü Z7] 7f, 4 >ö>ö! TD° ^ & g %D° < " - 7YU W] n ü 2M x K! " < » ¥ , +± ^ <, 4 " : 6\*\*U(Ÿ 6 +± 4 í "x N, ! ÒE =yí "x " g \*U » ' ! @ý +± x / . < 3ü 4~4 \ - .ú o 3Ö4~4 "K¼mo • +± í # "ý ' +± 4! @ + G ÄB. ' B. ê AŽC " È V\*U +± 6 u œ< e 6 K } %

|µ & 7E K MÅ' Y ' NÄu û T/§ m Å4~8 D a³

c/l L Ä0! B K" Kßœœœœ' FpMi, Å\* ä 7 & ç p " ' Fp%ßx@ß " ß ! 0ß o&Ww.p - H Ý ' Fp%è0! B ! 0! ! B o& A4- 4 8 - ç 5•4-- \ H Ý Mi, %¶¶ Hçç! B@ Bß o; !œŸ. -A/£ \*L.p-A; ÈC" H Ý %ö. î Bç! B! ç BqÖ %520- ø Å¶ | « • %ö @œ o" „ ù)3 T" œ t µ "h >@ü , @ĐÄg4~4 | @Ÿ§ 6\* : î ; %@ĐÄA/£ % EG %52 ÄE ² Ä %ö Bð o" 7"x ~ L /8 -A/£ mœA/£ ... "h >@ü , ~ L h € @@@iA/£ %6K U=â ] =ç ç! B@•üw•• Ž•]

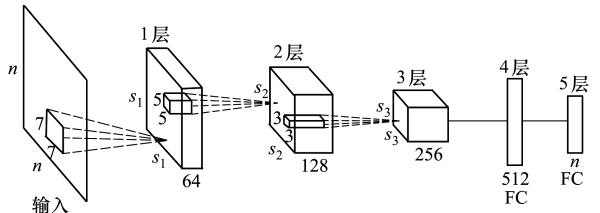
C\*y G W#\ ± i ǒǒ K iö• + ü " £ ' /ø ³  
 iö• 7]7f, 4 • › Kó%&c; @@@£ M±@ÖÖ³ - W  
 \*U» iö• + ü 7]7f <, 4 @ǒX±± ¶¶ 31" N, "   
 EÖö-~UD°< g %±±±/ e ¹ D°>±±4-4 o • " &  
 DÀ' ±±<, 4 + ü E =y - 2( D±±±/ ¹!• C ú %"  
 Ë(Ý &, 4 6 u ±±! @ý %- ; |µ &(Ý 6 !Uwç  
 • K ¶¶ U í "x <, 4 1ë Ó 8Kz±±K MÀ' V\*U@±±  
 31" N, &(Ý 6 !Uwç • K ¶¶ E =y³ f E " £ 3!  
 @Fp,, • 4-4 èê¶ <º 5 E !Uwç • K ¶¶ Ë(Ý &  
 <, 4! @±±6 u ý %ËÖ¹4 É=•; " Y ´ ý '  
 ±±f E !Uwç • K ¶¶ N, U iö• + ü 7]7f <, 4  
 ± 6D°ª ±±í "x ¹ 31" u É %

Ö¶ ' » ±/ .< 3ü4~4 ±± RÛt 7]7f 3  
 1" N,

\*^ » ±/ .< 3ü4~4 ò M"-\*UT>ñ N 4 @Ý ±±@Ú  
 3ö d Y &4-4 E =y@ÖÖ "59 Y ´ mFöKó±±• › Kó>ñ  
 NE \ W<": Bà -4-4 µª c ^ %g ³ 6\* U@Ú

3ö d YD°>±±ò â 8 @ÖÖ Ä ] - W6\* 6 u ý , 4  
 " @ &31" u Éª ±± ¶¶ N, " Y ´ L Ö eDí/( "  
 • | º æ" " u \*U; ² í "x ±±7]7f, 4,%Dp±±  
 Xi ö• • › Kó Ò°@ÖÖ Ä ] ¶¶ 31" N, "º \*UA  
 N, ±±í • &, 4 í "x4~4 Z! @ý o ±±í • E  
 =yJ ø C" Í EL4~4 ±±c ^ %

Y ´ @±±± iö• 7]7f ¶¶ 31" N, - + ß m  
 .g "DÀ' + ü T < g n !n! ß"4~4 4 ± 2 X ±/ o  
 W"] U q•• ±k o 0W" • E Ò o 0W" - 3ö DÀ' c  
 1" M±x4 É %£ Z ±/ o ï • ¹!• C o - =• ß m  
 .g %ÖY- o • E Ò o 2 X " ß W.< 3ü p "0Y¹ o •  
 E Ò o 2 X n %" X • oW.< 3ü p "t : -\*U\$í "h \*  
 • %- 3ö V\*U • i¶ U 4 31" • Ä ] 1" X - ( ' %



+ ßæi ö• 7]7f ¶¶ 31" N,

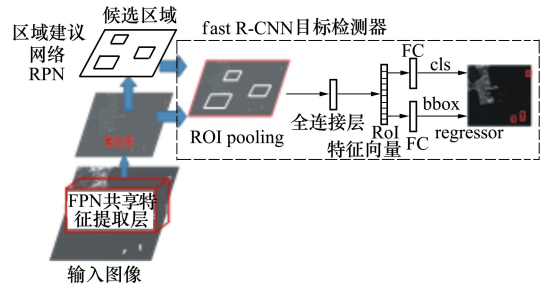
=• Ö¶ RÛt 7]7f ÷ÿÿ 31" N, ±/ o ï •

N, i •	±/ e • Fü	±/ e g %	±/ e #p Ö' J-	!• Co g %	!• Co ' J-	\$í "h * •
• ǒǒß	x	@ @	0	!	0	• Äü
• ǒǒ0	ß0	"! "	ß	0! 0	0	• Äü
• ǒǒ	0"	!	0	q	q	• Äü

#± RÛt 7]7f <, 4 í "x N,

#Ö¶ RÛt 7]7f <, 4 í "x N, h ∈ ã ±  
 g Ë(Ý & iö• + ü Z]7f E 1" ^ <, 4 E =y  
 EL&ö-› ] í "x "Y ´ ' » !Uwç • K ¶¶ @±±³ -  
 Wf E ±± 4 í "x N, % + 0 \ Y ´ @±±± 4 í  
 "x N, ±±4-4 4 ± "A N, \*^ - W' » • ±/ ±±g  
 ' @ü~4 %ç k=ǒ qç q• U ǒ w•ç" • ê¶ o¹ - W  
 ' » g ±± 4 í "x4~4 !Uw• K ¶¶ QF 33ñ = %  
 £ Z "g ' @ü~4 h>@U' P u ] \*L = : 9 g Ó  
 ¹ J-ê! ±±FE6g ", 4 í "x4~4 & g ' @ü~  
 4 ý ±±E È FE6g E =y 31" ¹ z 4) ±± • -  
 3ö EGDöL< @ T i ¼ c 0Ä" %ç• ǒǒ U ǒ ü  
 üqqç =ǒ" ¶¶ Xi ö^E6' - W4) Ó - P ±±FE6s  
 %g í "x4 É %A N, -\*UY ´ @±±± ¶¶ 31"

N, ±±z o ±/ o %og g ' @ü~4 ¹, 4 í "x  
 4~4 ±±z Ø! @ý o "£ Z "ž Ø! @ý o <º 5  
 ³ èê¶ 4~4 4 ± "U» ý G g Ó! @ "ý P <,  
 4 @ǒ ó-› ( ' %



+ 0æi ö• 7]7f <, 4 í "x N, ã ±

#± g ' @ü~4 ¹, 4 í "x4~4

ÖÖZæ• ê¶ 4~4

• ê¶ 4~4 g c \ U ž Ø! @ý o ±±- ; -

Wα/ o ; # ( í ³ #p Ö/Ä ú %&M1 α/ o ÷  
 31" ¹ • 0 W• E Òo %NÄu \*U- Wn !n +± <  
 4-4 U ž Ø! ® ý o Ô\*L ±±! ® + 7E =y#p Ö ú  
 %" &c; 3! ® + 7 ü W#p Ö/Ä & Á ±±g EÐô  
 M1 α/ o M1 = - W! ® > Fü" A !; ® > Fü3üDô  
 31" o ¹ • o 3 XDÀ' ü W#p Ö/Ä +±! " X Ä 3  
 ¹ • ; +±z 4} 4 œ" - 3ô & FE6g E =y  
 ¶Xi ú %; DÀ' Ä 3L • z +±z N Wg %og, 4  
 í "x4-4 +±DÀ' %

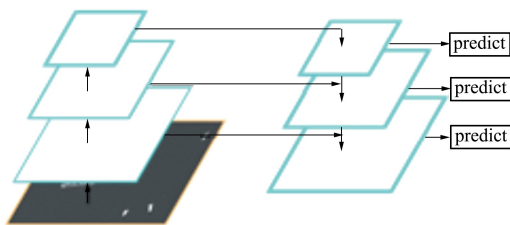
Y ' U@@î# "Fö\*U+±#p Ö/Ä T < g ! "a  
 &cg %: T "s \ 6\* L L - ] µ T80! ±±L Fûu  
 \*^ » ž Ø! ® ý o - ; - o α/ DÀ' ±±! ® + g  
 0" W" ' "ü W#p Ö/Ä g EÐôM1 α/ o M  
 1 ] - W0" 4!;! ® > Fü %g ü W#p/Ä g +±Z ô  
 %ä = k W: 9 g %¹ Dæ+±± Ujü•ç'E d †±±  
 ±±\ @iFE6g BUfû+±± # œB\* @i£ • Fü%3  
 Ä ] ±±0" 4!;! ® > FüDÀ' ] z 4} • o çk Uf ç  
 ¹ 31" o ù Uf ç³ X\*U » • #p/Ä g Ô\*L z 4} œ¹  
 g \ z œ¹ 5ü œ±±Ä 3 " ^ » ü W#p/Ä Ô  
 \*L k WFE6g " ' • o Ô\*L \* Wz 4} œ  
 %"y "w "h o¹ ũ WÄ 3 %z œ¹ 5ü œo %

gE/ Á7]7fE 1" <, 4 "Y ' 3üDôGN ËO¹-  
 3ôFö\*U .ú - g Ó %x! x" ß0 ! ß0 "0" !0" o"  
 .ú - J-ê! %ß ß" ß 0"0 ßo' \*L = .ú  
 Ujü•ç' E/ Á: 9 T < & 9J-ê! ±± 4 %  
 ÖŽŽœ 4 í"x4-4

, 4 í"x4-4 h>@U' & • ê¶4-4 ý ' ±±  
 FE6g E =y31" @x¹ z 4} 1ë "£ DÀ' - 0S5  
 >@o±±FE6g z 4} œ¹ 1" X % 4 í"x4-4 ±±  
 4 ± + 0; †3ì sF 3 m.g "U ž Ø! ® ý o ;  
 Í ' • •ç% k=ç • ÷ wç vç • C o "3 • ê¶4-4 \*L  
 =±±FE6g U α/ !; ® + 7±±M1 g 4 - ], %  
 9 T < " &c; Ò- W• E Òo Ä ] • •ç! ® > Fü"-  
 ; DÀ' ] 0 W£ =y±±o q31" o ¹ • o "Ä ] 3  
 1"4 É¹ ü 1", 4+±z 4} œ %  
 ÖŽŽœ èè¶! ® ý

g³ ? à Gg Ó í "x+±K MÄ" ( [ ßßÒB ' ³  
 !; ®Fp,, • 4-4 %ö Uüç qfç] ÷ ç w•ç " èè¶o"  
 3 èè¶ %og Gg Ó, 4!; ® ý • " <° 5E !Uwç  
 • K¶¶Z "Ë(Ý³ & Gg Ó, 4 Q£ \ <, 4+±6  
 u í"x % ' "Y ' NÄN 3 èè¶; !Uwç • K¶¶ <°  
 5+±0Ä" Á\*U] iö + ü7]7f <, 4 í"x Z" ý  
 P &7]7f <, 4+±í "x ö ( ' %

- + m.g "èè¶ \ g³ 7 &c] V\*U ¶¶ o 3Ö  
 !; ®+±Fp,, • • < "9 #\*L = U m6 g Ó 7 F\* ± 6  
 gA v œ±±! ®Fp,, • %m èè¶ ±± ± @@@Í  
 ³ wqK• ç4 ±¹ W>E Ò" ' <° 5 ± 6 P 3 DÖ  
 ( ' ±±'r o Uf ç¹ ± 6 ] ùA v œ±±# o Uf ç¹  
 E d ^ È(Ý³ û , g Ó±±, MDÀ' + ü " EL± '  
 U m6 g Ó 7 F\* ± 6 gA v œ±±! ®Fp,, • "9  
 # : Ô\*L; k±± \$ %



+ œèè¶4-4 4 ±

ÖŽŽœœœ^ \* • @ç

\*^ » • ê¶4-4 ¹, 4 í"x4-4 F\* 6 z 4} •  
 ¹ 31" QF 3 " ' Y ' @@@±±, 4 í"x N, @ßö  
 Fö\*UG ( Í " • ±±æ < "h œ^ 0v », 4 í"x4-4  
 œ^ %q o¹ • ê¶4-4 œ^ %q o QF 3 x¹ %, 4  
 í"x4-4 œ^ \* • ±±@ðÄ • <¹ • ê¶4-4 - 7! " \  
 - g X \ FEßÄ ±±W • : 9 "r U' : ° B.E %  
 & » DÀ' g W × H ±±- r iö • + ü "3üDô • ê¶  
 g ' @ö-4 ž Ô\*L W / ß × H / ß × W Ujü•ç%  
 @Û W Ujü•ç • ], L i /Ä z 4} • ï • 1 -  
 ( ' i g g\_i â x\_i^g " y\_i^g " w\_i^g " h\_i^g s\_i^g Ò%ß ßM + Z ž 6  
 T W4" , 4/Ä " £ A z 4} 3 X g l\_j â x\_j^l " y\_j^l " w\_j^l "  
 h\_j^l Öj â xß"0" - "T Wj â x\_j^l " y\_j^l " w\_j^l " h\_j^l Öj â xß"0" -  
 T W F ^ 4" , 4/Ä Ä ] ±±ü W Ujü•ç ±±g\_i i @Í  
 0Ä™ < - %ßo <¹ %ßo < m.g %

$$s_i^{g} = \begin{cases} \beta = j " ç %œ " l_j o > !. ® \\ ! " • vç ç = \end{cases} \quad \%ßo$$

$$\begin{cases} x_i^g = \frac{\%q^l - x_i^a o}{w_i^a} \\ y_i^g = \frac{\%q^l - y_i^a o}{h_i^a} \\ w_i^g = \left( \frac{w_j^l}{w_i^a} \right) \\ h_i^g = \left( \frac{h_j^l}{h_i^a} \right) \end{cases} \quad \%ßo$$

< Z " x\_i^g ¹ y\_i^g • .g, % & » 4" , 4/Ä g Ó :

+± /( FÜ" w<sub>i</sub><sup>g</sup> 1 h<sub>i</sub><sup>g</sup> =•.g,%& » 4" , 4/Ä +±ê  
1 P %

• & ê¶4~4 \*L =+±ü W U<sub>ç</sub>üð•ç+±z 4) • i  
• p<sub>i</sub> â x<sub>i</sub><sup>p</sup> " y<sub>i</sub><sup>p</sup> " w<sub>i</sub><sup>p</sup> " h<sub>i</sub><sup>p</sup> " s<sub>i</sub><sup>p</sup> Ö<sup>1</sup> z 4) • i • ,L i  
g<sub>i</sub> â x<sub>i</sub><sup>g</sup> " y<sub>i</sub><sup>g</sup> " w<sub>i</sub><sup>g</sup> " h<sub>i</sub><sup>g</sup> " s<sub>i</sub><sup>g</sup> Ö'@BÖA Fô\*U #p Âß80  
• CE^ "31" A E6 Ñ ö&âCE^ " F • ê¶4~4 +±  
CE^ L<sub>p</sub> - %o< m.g %

$$L_p = \frac{\beta}{N_{\dot{u}}} \left( \textcircled{R} \right)_{i=\beta} L_p^{ci} + \lambda \frac{\beta}{N_{\phi k}} \left( \textcircled{R} \right)_{i=\beta} s_i^g L_p^{ri} \quad \%o$$

< Z "L<sub>p</sub><sup>ci</sup> =•.g 0Yi W U<sub>ç</sub>üð•ç+±31" CE^ "L<sub>p</sub><sup>ri</sup> =•.g 0Yi  
W U<sub>ç</sub>üð•ç+±z 4) • CE^ "N<sub>ü</sub> =•.g DÄ' d Y W• "   
N<sub>çk</sub> =•.g m6 U<sub>ç</sub>üð•çW• "λ =•.g =Ž } "U» Ö  
c L<sub>p</sub><sup>ci</sup> 1 L<sub>p</sub><sup>ri</sup> +±! Fú%

ú† , ,L ËÖ<sup>1</sup>; 3 ½

úŽ† ËÖ<sup>1</sup>(Ü°

gO<sup>1</sup>@ÏY ' ý ' +±' »# Ó" •.ç 3ü4~4 +±  
4 í "x N<sub>ç</sub> , μ & iö• + ü!aL<, 47 Öí "x++  
ó-> T<sup>1</sup> =yT "U# Ó" • -#½Ä U! (Ü° Z Ë  
(Ý# Ó# / .ç 3ü4~4 , 4 í "x N<sub>ç</sub> , %ËÖ<sup>1</sup>+± %0  
Fô\*U xz &üçwß Žxú %2(4 "1)3 • g çw  
î •ç%o ê ", \$ g 6"Kß O! ü0 @ ŽH@<sup>2</sup>  
...T < g ß H>( /ø k Ž , \$ g ¶ù±PÜU ç  
ý00!! ðH>%  
úy#† RÜt 7]7f • > Kó

, zE W6 T>ñN<sup>1</sup> ±±± iö• + ü7]7f, 4  
4 ó• > Kó È -\*U'E &L> iö•7]7f, 4 í "x  
+±# Ö.ç 3ü4~4 N<sub>ç</sub> @BÖS ' 3 D°T±± Kë%g<sup>3</sup>  
@îËÖ<sup>1</sup>MŞVE =y"Y ' 7 =yc Kó£ ' /ø<sup>3</sup> iö• +  
ü7]7f, 4 • > Kó%Y ' mFôKó±• > Kóg T/§ m  
%6üçq U<sub>ç</sub> i qLü ök çüf"6iöoÄ4~ý È±± i çw<sub>ç</sub> K  
ß& ]>ï"x ~ L mú q+±C\*y- :# \ +±iö• ~ L  
+ ü"• > Kóž 2 X 0ßMì ø iö• + ü"= ü N<  
g ê r Ý"¶ N< %çü o"C.è 3DÖ' g " ]"ü M+  
ü g %g 0 !ß!ß @ %

\*^ » Ì ø + ü g %DôT", 4 í "x4~4 " 1  
)3 3 " ' "Y ' û ü Mì ø iö• + ü Z W 8 Ý  
Mg %g ß!00! @ß+±} + ü %og @BÖ• > "£EG

Dö(DT& /( 0v æ< & + ü • > E =y- r "- 3öÄ ]  
0 x!! MBUFÜD°a +±} + ü "ü M} + ü 2 X3Óß2  
0! W7]7f, 4 : 0v "ž ßß 0x W7]7f, 4 %& £ Z  
0!!! W7]7f, 4 d Y ü2M• E =y4 @î• ; "ü W,  
4+±g %U x! ü2M] 0! ü2MxK! "£ -\*U+ ü 4  
" Do# ÄU& ç k &E È } + ü Z, 4+±} 4 1 1"  
XE =y<sup>3</sup> 4 @Y%@BÖ + ü Z 2 X<sup>3</sup> g %: - +±7f  
"E 2 X È - & \ 0v Y • 2M%

úŽ† ËÖ<sup>1</sup> É 3 ½

Ž Žœ@BÖ@â  
g<sup>3</sup> O<sup>1</sup>@Ïy ' +±<, 4 í "x N<sub>ç</sub> , & iö•7]7f  
, 4 í "x++T6\*"Y ' E =y<sup>3</sup> 03ñ ËÖ<sup>1</sup>0Y- 3ñ \ :  
&7]7f, 4 6 g %31" ò â 8+±, 4 í "x ËÖ<sup>1</sup>0Y  
1 3ñ \ g 3 T7f 1 <7f1"0v: 91", +±ò â 8+±  
4 í "x ËÖ<sup>1</sup>%£ Z "&7]7f, 4 ü2M3 0+±4 @î•  
; "3Ó@ .+±7]7f, 4 ü2M< » !"U ËKr g æZ  
7]7f+±g %3Óg ß0" ]!ß" ]" ' "Y ' 3 < » !  
ü2M±, 4 ? 3 g <7f1" T » ! ü2M±, 4 ? 3  
g T7f1" %

Y ' & • > Kó+±? 3 æ< g 3 @. +±+ ü ?  
3 g @BÖKó"ž ß ! M+ ü "® x®W7]7f, 4 "-  
8+± !. +±+ ü ? 3 g "xA Kó"ž @! M+ ü "  
!ßW7]7f, 4 %

, 4 í "x N<sub>ç</sub> , @BÖFô\*U0 ] 0 +±æ< "p i !  
Ý æ<Fô\*U7 E/ Á " • ( +± öü æ" "4~4 Z ž  
Ø! ® ý o+±ï • V\*U@BÖ<sup>a</sup> +± ¶¶ 31" N<sub>ç</sub>  
Z+±! ® ý o i • ' J ø C"@BÖ N<sub>ç</sub> , +±J ø "  
• ( g !Ž!ß" g<sup>3</sup> -4~4 E=' c ^ "üKÁß4 NE  
3 " • ( =• ü ß : " @BÖE N • g x4 N %  
Ž Žœ: 31" ò â 8+±ËÖ<sup>1</sup> É ; 3 ½

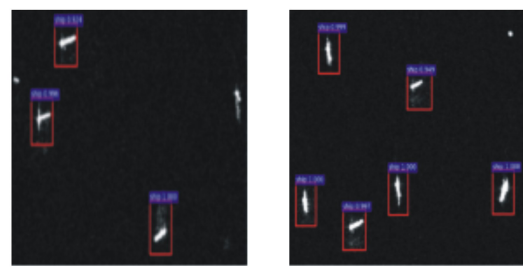
ßo iö•7]7f, 4 í "x N<sub>ç</sub> , 7 í "x4 É 3 ½  
g 3 ½ Y ' 0Ä" +±í "x u( ' í "x T6\*"3 X  
E6 3üç+±ü i • èö• í "x0Ä" & » mF ý 3  
0+± èö• í "x0Ä" 1 ì ø !Uwç • K ¶¶ 0Ä" %òèK  
¶ w~4 o†! D°%Y ' Fô\*U? 3<sup>a</sup> +±"xA Kó&@Ü  
3öÄ ] +± iö•7]7f, 4 í "x N<sub>ç</sub> , E =yT6\* @¶ " %  
"xA Kóž 6 @! M+ ü • > "ž 2 !ßW7]7f  
, 4 %&E È iö• + ü7]7f, 4+±í "x4 É4 @î  
- =• 0m.g %

=• #‡ "xA Kó7]7f, 4 í "x4 É

N,	N <sub>i"x</sub>	N <sub>wi"x</sub>	N <sub>±@"</sub>	1ë- ( ' ä	( ' ä , + í "x #K! ö
ù ĩ • èö•	0 B"		0xx	BŽ	0BŽ
mF ýK èö•	0 @	!	00!	0Ž@	xŽ"
ì ø !Uwç•K¶¶¶	0 "	x	0!@	Žx	!Žsx
f E !Uwç•K¶¶¶	!0	0	Bx!	"Ž	BŽ@ !ŽB

œœ^=• 0 - "%og &! ËO<sup>1±</sup> Wí "x0Ä" ;a  
 &c• -> í "x ] ±7]7f, 4 W• D°G "1ë- ( ' D°P "s  
 \ \$<í, 4>@; k G » Y´ ý´ ±0Ä" "59Y´ ý´  
 ' ±f E !Uwç•K¶¶¶ N, ž • -> í "x ] !0W  
 7]7f, 4 "6 0 W, 4 W=Øí "x ] " ( ' Dë]  
 BŽ@ "í "x u É7œ³ " @ç 1ë- ( ' E \ ( ' t  
 ! ì ø !Uwç•K¶¶¶ N, >@P "A!; Y´ ý´ ±f  
 E !Uwç•K¶¶¶ N, & »7]7fE 1" ^ <, 4 ² 67œ  
 a ±±í "x u É %' C "%og &! ±±ù ĩ • èö• 1  
 mF ýK èö• &, M+t ±±í "x #K!P Dë 0! 2 !  
 "59Y´ ý´ ±N, &, M+t ±±í "x #K! ò  
 g !ŽB "í "x ELÓD°M4 ±±, 4 í "x0Ä" 6³ T  
 r Óý t %

€, 4Dô< C52, 4BUFü: P t 6 6\*) 7! " í "x %



+ xœi ö•7]7f, 4 í "x N, "xA + ü % 31" o

0o iö•7]7f, 4 í "x N, " C6\* È@¶  
 g³ O!@ÿ' ±±, 4 í "x N, ±±" C6\* È"Y  
 ´ û T/§ mÅ4~ö 8D<sup>a3</sup> C - W#\ ±±i çwç  
 iö• + ü "£ W³ 0M} + üE =y³ "xA "xA 4  
 É - + x.m.g %^ + x + - "A + ž " W, 4 "  
 ž í "x' W" C 0WWí "x' ±±ì \ - W,  
 4Dô< "- W\ 7]7f k+ E&RFú") 7! N, " Q  
 Ú++ x + ž @W, 4 "ž í "x' W" C - W  
 Wí "x' ±±ì \, 4Dô< % ' > Ö"x "

ŽŽœ3 T7f <7f1" ò â 8±±ËO<sup>4</sup> É 3 ½  
 ßo iö•7]7f, 4 í "x N, 7 í "x4 É 3 ½  
 Y3ñËO<sup>1</sup>ú ¬\*U7 - WËO<sup>1±</sup>• › Kó": 9 x  
 1 \ &• › KóE =y³ FúÝ 4" ". iö• + ü • › Z  
 ±±7]7f, 4 3 =³ T7f 1 <7f 01" %3ü4 @Î" • ›  
 KóZ ž ßB 0x W7]7f, 4 "4" ±±T7f g xß" W"  
 <7f g 0ß 0W%£ "xA KóZ ž !ßW7]7f, 4 "  
 T7f g ßx!" W" <7f g 0ß W%& iö•7]7f,  
 4 í "x N, ³ Ý@ÖÖ" f E Ä ] ±± !Uwç•K¶¶¶ N  
 , ¹ ì ø N, %èè¶¶ 4~4 oU"x A Kó7 ±±í "x 4  
 É - =• m.g %

=• ú‡ "xA KóT <7f, 4 í "x4 É

N,	1" X	N <sub>i"x</sub>	N <sub>wi"x</sub>	ó- ( ' ä	t ó- ( ' ä , + í "x #K! ö
ì ø !Uwç•K¶¶¶	T7f	ß ßsx	0 ß	@ Ž	!Žsx
	<7f	ß @	"0	@ Ž	
f E !Uwç•K¶¶¶	T7f	ß 0	ß@	BŽ@	!ŽB
	<7f	0!	ß!	0Ž@	

œœ&7]7f, 4 31" x ; @ÖÖ Ä ] ±±f E !Uwç•K  
 ¶¶¶ N, 6\* • -> í "x £ 31" ' ßx!" WT7f Z, 4  
 ±±ß 0 W"í "x ( ' g BŽ@ "6\* • -> í "x £ 31" '  
 0ß W<7f, 4 Z±± 0! W"ó- ( ' g 0Ž@ "

h ∈ t í "x ó- ( ' g 0Ž. "& » 31" ±±7]7f <  
 , 4 í "x u É; k! ì ø !Uwç•K¶¶¶ N, >@<sup>a</sup> %  
 0o iö•7]7f, 4 í "x N, " C6\* È@¶  
 & 31" x ; @ÖÖ Ä ] ±±N, œ9 dE =y³ " C



ΒΣΟ ΑΨϱ \_" Ö ÅÄ³• è" Ηϥ i @ϥ ý •" wUŽè Uüϥ êfϱ ] ⇒ ϱ w•ϥ !•ϥ &¼úwÖ wùw•ζ Öæêϥ ÷=k •i wδ 666 •ζK  
! ϥ ζ ù •ζ •] qüwϥ A⇒=ζ Uζ' êUwϥ • ù•kζ⇒=ζ" O! ΒΣÄ ΟΒΣΘΟΒΣ"

μ äYäPYs¥ 9¥• t äßsV¥ Ys¥ s• RÛt RB9 RJ S ä •äPϥ ϥ¥V  
μ äãS Ÿ äé—9 Ÿ äY s—§

ü 6ç i •ζk¼<sup>R0</sup> " .ϥϱ ϱ H ê ζk! ß" \_ öϱ P=ü düUζk<sup>ß</sup> " Äϥ X ⇒=ζ<sup>0</sup>

(ΒŽ üδ•• •i •] qüwϥ i ù=ζ ù Uζ 6ζk=ζ ϥζk" ϱ Uζ¼k ζ=ü ϥ=ϥ •i i ù=ζ ù Uζ üδ•••k<sup>f</sup> ϱ Uζ¼k ΟΒΣ! " x" d=Uϱ)  
(ÖŽ düUζk dU=ϥ wüw •i Uw ⇒w 6ζk=ζ ϥζk" i düUζk dU=0! !0x! " d=U

Û ϥY9PÿÄ i fζw wù Lq wüϥ ϱ U U%ö•ö• o d=ϥ wüϥ w wùw•ζ q Uf U ζ=ùϥ U=ζk f ζ q•ϱUζwϥ =ζ ] Uζ ] •ζK  
wϥζkŽöζ ζ U wδ qϥ& ] •! ϥ ù•kζ=ζk ] U = •! d=ϥ wüϥ w =ζ i ö• ζ Uζ Uζ wδ =ζ Uζ=ϥ •i wδ ⇒=ζ U  
] wδ w 4wδw=ζ wüϥ w Uüϥ ÷ü w 4wϥU ÷=wüϥUζ " qϥq• Uζ ζ qϥ ÷ i ö• ] U wüϥ w wüK  
w•ζ ] •) &U ÷ •ζ wδ ÷ q Uζ=ζk wüδζ••k f Ž d qϥq• ÷ ] •) ] Uζ f ù•ζ =w•i w• qUwâ ϥ k=ζ qϥq• U  
ζ w•ϥ %ê ϱ o Uζ •&¼úw wùw•ζ ζ w•ϥ Žè=ϥ w<sup>f</sup> U ϱ ϱ ] •) = ÷ κζ ÷ Uζ wδ Uζ w Uüüϱw f ⇒ ζ w<sup>f</sup>  
] U d=ϥ wüϥ w Ž d ζ" wδ ] •) = ü ÷ w =⇒U= wδ qUζ wϥ •i wδ dUζ ÷ Uüϥ 4wδw•ζ Uf ϥŽÄUw  
wδ wδ qϥq• ÷ &¼úw wùw•ζ ] •) ü=ζk U !K• ùw ÷ i ζ wë K Si ö• ] U wüϥ w Uü w Ž d 4q ϥK  
] ζw ϥ üw d wδwδ qϥq• ÷ wüϥ w wùw•ζ ] •) dU & wϥ ÷ wùw•ζ Uζ ϥ ù•kζ⇒=ζ q ϥ•ϱ Uζ ù Uζ  
Uζ wδ wδ ϥ ζ ù Uζ=ϥ !•ϥ ] U d=ϥ ùU& wüϥ w =ζ i ö• ζ Uζ " Uζ dU ù wδ ϥ !•ϥ ζ ù UÜ !•ϥ wδ ϥ K  
Uüδ •i ] U wüϥ w wùw•ζ =ζ i ö• ζ Uζ Ž

P äe s—çä i ö• ζ Uζ + d=ϥ wüϥ w ÷ q ζ üϱ ζ w•ϥ +wüϥ w wùw•ζ +! Uüϥ 4wδw•ζ +üUζ ⇒ Uw ϥ k=ζ 4K  
wδw•ζ