

!" 796.012.3

**A '/ 8 -=\$C D/4; 8 \$ ',
E\$ 8 /=\$C G/H; I/**

Національний університет фізического виховання и спорта України (г. Київ)

“#%()(%)*,%-. 0*12* *34%6'(78 3* 7*09,)7*
*2 *;7., (' 3*; '% ;%=>,)7*=? *2* 4*; '* 6. '8@%, (3*=96(' '(*2 649A(B 0 ?;(78 , 2*, *0 2.34., '%2((. (0%22*, ; 0*D8E, 6%F;7, 9ED%F 3*; '% 2%A*)”

Герберт Уеллс

G'9=- (F 0 ?; '(7%'8 (H-;3%4(0%27.7*4,)%'*,- ; -*';;. '82?0 (96(,(7%'82?0 0(4*, *JJ4%-2(%0, , '%(-*69@2?F A90.2(;73* ;97(K. M. O.397(2 J. '*1 (' *;2*, ? *7%)%;7, %22*F=(*0%B.2(-(-(2%J(*'*A((. PA* 3%49 34(2.6'%1.7=*'% 160 2.9)2*-0%7*6()%;- (B 4.=*7, 02*A(% (J -*7*4?B *39=-'(-*,.2? J. 49=%1*0. M%, %4*>72% 3* *B,.79 (92(-.'82% 3* A'9=(2% 2.9)2%2.%;%6(% K. M. O.-397(2. *-.J? , .'* (*-.J? , .%7 *A4*02%*, '(>2(% 2. 4.J, (7(%=(*0%B.2(-(-(2%J(*'*A((, -4.(-2%. K. M. O.397(2 *'.6. ' 96(,(7%'82*F ;3*;*=2*;78E ,(6%78 3%4;3%-7(, ? 4.J, (7(> 2.9-,(, 34*A2*-J(4*,.78 % A'., 2?% 2.34., '%2(>. R(7.%'E 34%6;7., '>%7;> ;*J6.22% K. M. O.397(2?0 2.9)2%2.34., '%2(% - “(2%7(-. 7%).)%'*,-.”, -*7*4%>, ('*;8 , *3'*D%2(%0 ;(;7%02*A* 3*6B*6. -(J9)%2(E 6,(A.7%'82*F S92-T(()%'*,-..

!.229E ;7.78E, , -*7*4*F, 0%;7('();8 02*A(% (6(% (0 ?; '(*6,(A.7%'82*F S92-T(()%'*,-.., 3(%.; *;0%;72* ;* ;,* (0 9)(7%'0 (2.;7., 2(-*0, 6*-7*4*0 =(*'*A(%);-(B 2.9-, 34*S%;;*4*0, J.;'91%22?0 6%>7%'0 2.9-(- 7% B2(-(-4.(2? K. M. O.397(2?0. M*, - ;*1. '%2(E, 34(1(J2(,?6. ED%A*; > 9)%2*A*, , 3*'2*0 *=U%0% 0? %% 2% 9;3%(*39='(-*,.78. V4%6'.A.%0.>) (7.%'E 4.=*7. >, '>%7;> 34*6* 1%2(%0 7*A* T(-'. (.; '%6*,.2(F 6,(A.7%'82*F S92-T(()%'*,-.., -*7*4?% 2.).7? 2%;-*8-* 6%;>7-* , '%7 2.J.6 , M.T(*2.'82*0 92(,%4;(7%7% S(J())%;-*A* ,*;3(7.2(> (;3*4-7. -4.(2?. X0%22* 3*H7*09 9 2.; %;78 9, %4%22*;78 , 7*0,)7* 34%='0?, 3*62(0.%0?%, 6.22*F ;7.78%, 3*'9).7 ;,*% 6.'82%F@% 34*6* 1%2(% (4.;34*;74.2%2(% , *='.7(=(*0%B.2(-(-(2%J(*'*A((.

. Y,*'ET(>)%'*,%-.. >, '>%7;> ;,*%*4.J2*F '%7*3(;8E %A* =(*'*A(%);-*A* 4.J, (7(>. M. 4.J'()2?B %H7.3.B=(*'*A(%);-(% *=U%-7? , ?3*2>E7 4.J2**=4.J2?% S92-T((. [.-, ,).;72*;7(, *4A.2(J0)%'*,-.., -*7*4?F , 4>6% ;'9).%, 4.;;0.74(, .%7;> - - 2.(=*'%;*,4%0%22% ;*J6.2(% 34(4*6?, , 34(2T(3% 34%6;7., '>7%;*=-F *=?)29E =(*'*A(%);-9E ;9D2*;78.]62.-* ;*,4%0%22% 7%*4%7(%);-(% -*2T%3T((4.J, (7(> 1(,*F 34(4*6? ;%A*62> ;7.,>7)%'*,%-.. (%A* 1(J2%6%>7%'82*;78 , 4>6 ;0?B 92(-.'82?B 7,*4%2(F=(*'*A(%);-*A* 4.J, (7(>.

_*,4%0%22.> 7%*4(> H,*'ET((;,(6%7%'8;7,9%7 * 7*0,)7*, 4.J, (7(% *4A.2(J0.)%'*,-.. 4.J-'()2?%;(;7%0? ,2*; >7 ;,*F ;*;7, %22?F , -'.6. Y7*, , 3%4,9E *)%468, *72*; (7;> - S*40(4*,.2(E 9)%'*,-.. *34%6%22*F ;(;7%0? '.*-0*T(F. 4*,%28 J2.2(F J.-*2*0%42*;7%F 4.J, (7(> H7*F ;(;7%0? ;%A*62> , '>%7;> *34%6%>ED(0 S.-7*4*0 4.J, (7(> ;,*4%0%22*F T(, ('(J.T((. _ H7*F 7*);-(J4%2(>, (.; '%6*,.2(> 0%B.2(J0*, S*40(4*,.2(> (4.J, (7(> 9)%'*,%-.. 6,(A.7%'82*F S92-T((;;%69%7 34(J2.78 ,%;80 ..-79. '82?0 [2; 3].

!, (A.7%'82.> S92-T(>-*62. (J ,. 12%F@(B S92-T(F *4A.2(J0.. # 34*T%;;% H,*'ET((*4A.2(J0)%'*,-.. -.- *7-4?7.>, 2* *72*; (7%'82* *=%;*=%22.>=(*'*A(%);-.> ;(;7%0. 34(*=4%';3*%;*2*;78 - -7(,2?0 6,(1%2(>0, ='.A*6.4> 2. '() (E HSS-%7(,2?B 0%B.2(J0*, *0%2. H2%4A(%F, ,%D%;7,*0 (2S*40.T(%F ; *-491. ED%F ;4%6*F. a.4.-7%4 (J.-*2*0%42*;7(*4A.2(J.T((H7(B 6,(1%2(F , *02*A*0 *34%6%>E7 7% 34%>, '%2(> 1(J2%6%>7%'82*;7(%A* *4A.2(J0.., -*7*4%? 34(2>7% *=U%6(2>78 3*6 *=D(0 3*2>7(%0 - ?*J/8 (=>'/1 K'; :L\$1 &(-*(./._*;7*2(%6,(A.7%'82*F S92-T((*74.1.%7 ;3*%;*2*;78 -*2-4%72*F =(*'*A(%);-*F ;(;7%0? 9', , '(.78, 2.-.3'(.78 (34%*4.J*, ?, .78 4.J'()2?%, (6? H2%4A((, ,%D%;7, . ((2S*40.T((. Y7. ;3*%;*2*;78 0*1%7=?78 (J0%4%2. ((J9)%2. 397% *=U%-7(,2*%A* (;,%6*,.2(> 0%B.2(%);-(B 6,(1%2(F (649A(B S(J());-(B 34%>, '%2(F =(*'*A(%);-*F ;(;7%0? *4A.2(J0..

M.). '82 ?F 3%4(*6 4.J, (7(> 9)%2(> * 6, (1%2((7%'.)%'*, %- . 9B*6(7 , 6. '%-*% 34*@ '*% 0(4*-,*F 2.9)2*F 0? ; '([1; 2].

#*34*; ? (J9)%2(> 6, (1%2(F 7%'.)%'*, %- . 4.2% 4.;; 0.74(., '(;8 , 7.- 2.J?, .%0*F 6(2.0(-)%;-*F .2.7*0((. [%40(2 “.2.7*0(>” 2% 6.%7 ,*J0*12*;7(3*'9)(78 (2S*40.T(E * 6, (1%2((7%'.)%'*, %- .. ! (2.0()%;-.> .2.7*0(> (*7 '7(2. *диha c*; ('., 34())(2. 6, (1%2(>) >2'>%(;;0c6 —I3(.M0

3(.2(% ;74%2(>)%'*,%)%;-*A* 7%'., %A* -*;7%F, (B ;*%6(2%2(F (0 ?@T, ,2974%22(B *4A.2*,. #;% *@(--((4.J'()2?% J.=916%2(>, -*7*4?% 2.-*3('(;8, .2.7*0((6* 2%A*, ='.A*6.4>H7*09 74969, =?'(9;74.2%2?.

! 1*,.22(K'8S*2;* g*4%'((1608c1679 AA.) 2.3(;.' ;7.,@ (F 2. ;%A*62>- ' .;();%-;(0 (J,%;7-2?F 7496"] 6,(1%2((1(*72?B", , -*7*4*0 *2,3%4, ?% 9-.J.' 2. 3*'1%2(% *=D%A* T%274. 7>1%;-7(, 7%')%'*,%-., 34*(J,%' -'.; ;(S(-.T(E 6,(1%2(F)%'*,%-.(1(*72?B, -*7*4.> (;3*'8J9%7;>(2.;7*>D%,4%0>.

#?6.ED(F;> B(494A (.2.7*0 M. X. V(4*A*, (1810c1881 AA.)>, (';> ;*J6.7%'%0 7*3*A4.S()%;- -*F.2.7*0((. PA*-2(A. “[*3*A4.S()%;-.>.2.7*0(>, ('E;74(4*,.22.>4.J4%J.0(,34*,%6%22?0()%4%J.0*4*1%22%7%'*%'*,%-., 74% B 2.34., '%2(>B, -. (02*A(% 649A(% %A* 2.9)2?% .2.7*0(-)%;-(% 7496?, 2% 974.7('. ;,*A* J2.)%2(>(, 2.%@%,4%0> V(4*A*, *6(2 (J 3%4, ?B 9-.J.' 2. ;,>J8 S*40 ?-*;7%F ; , ?3*'2>%0*F (0(S92-T(%F, ;)(7.>,)7* 2.4912?F ,(6 -.16*F -*;7(%;78 7*'8-*%;9D%;7, '%22.>(6%>% S92-T(*2.'82*A* 2.J2.)%2(>.

V. h. O%;A.S7 (1837c1909 AA.) c ,?6.ED(F;>.2.7*0 (*=D%;7,%22?F 6%>7%8, *;2*,*3*'12(-2.9-(* S(J())%;-*F -9'8794% c 4.J4.=*7.' 7%*4%7()%;-(% 34%63*;?'-(6'>;*,4%0%22*A* 4.J,(7(>S(J())%;-*A*, *;3(7.2(>(;3*47.. O%;A.S7*0 ;*J6.2* 9)%2(% * S92-T(*2.'82*F *=9;*, '%22*;7(S*40 ? (;74*%2((-*;7%F, ;9;7.,*, (0 ?@T.

;,*%0 6.9B7*02*0 7496"] ;2*, ? 7%*4%7()%;-*F.2.7*0(((1892 A.) V. h. O%;A.S7 *=U;>2' ;74*%2(% 7%'.)%'*,%-.. 2% 7%*8-* ; 7*)-(J4%2(>, ?3*'2>%0?B (0 S92-T(F (;,>J(;,'(>2(%0 2. 2%A* *-491.ED%F;4%6?, 2* (; 7*)-(J4%2(> *=D%=(**'A()%;- (B J.-*2*0%42%;7%F. O%;A.S7 ;)(7.' ,)7* *4A.2(J0 4.J,(,.7;> ((J0%2>7;> 3*6 , '(>2(%0 *-491.ED%F %A* ;4%6? (, 4%J9'87.7% 934.12%2(F %A* *4A.2*,. # ;,>J(; H7(0 *2 *;*=22* =*8@%* J2.)%2(% 34(6.,' 4.J'()2?0 .;3%-7.0 34., ('82*F 3*;7.2*,-(S(J())%;-*A*, *;3(7.2(> 6'> 2*40.'82*A* 4.J,(7(> *4A.2(J0.. PA* 4.=*7?: “] =*72*%2((.2.7*0((.- S(J())%;-*09 , *;3(7.2(E), “i9-*,*6;7,* 3*S(J())%;-*09 , *;3(-7.2(E 6%7%F @-*'82*A*,*J4.;7.”, “k-*'82?%7(3?” (649A(% ,2%;'(J2.)(7%'82?F, -'.6 , 4.J,(7(%2.9)2?B *;2*, S(J())%;-*A*, *;3(7.2(>.

1. h. X,.2(T-(F (1895c1969 AA.) ;?A4. ' =*8@9E 4*8 , 4.J,(7((S92-T(*2.'82*F .2.7*0(()%'*,-. 34(0%2(7%'82* - J.6.) 0 ;3*47(,2*F 34.-7(-.] 2 ,3%4, ?% 34%6'*1(' 0%7*6 .2.7*0()%;- -*A*.2.'(J. 3*'1%2(F (6,(1%2(F 7%'. ;3*47;0%2..

!, (A.7%'82.> S92-T(>*4A.2(J0.)%'*,%-.. 34%6;7., '>%7 ;*-*F ;'*129E ;(7%09 02*A**=4.J2?B ;7*4*2 (B.4.-7%4(;7(- %A* 6%>7%'82*;7(. # 2.;7*>D%,4%0>, - ;*1.'%2(E, 2% 34%6;7., '>%7;>, *J0*12?0 , .-.*0-7* *62*0 *34%6%'2((('(3*2>7((6.78 %% 3*'29E, ;,%*=U%0'ED9E B.4.-7%-4(;7(-9. 1% ;%A*62>)4%J0%42* =*8@%* 4.J2**=4.J(% ;,%6%2(F *= *4A.2(J0%)%'*,%-.. 34%6;7., -'>%7 2%-*7*4?% J.74962%2(> 6'>, ?>;2%(> -*2-4%72?B B.4.-7%4(;7(-2% 7%*8-* ,;%A* *4A.2(J0., 2*6. 1% %A* *76%'82?B S92-T(F. X0%22* 3*H7*09 ;3%T(. ' (;7% ;%F). ;74%0>7;> 34%6;7., (78 6*;7.7%)-2*%)%7-((7%*-* ,?% (2;7490%27? 6'>=*% ;*,%4@%22*F 3*2>7(F2*F *34%6%'22*;7(B.4.-7%4(;7(-4.J'()2?B H%0%27*, 6,(A.7%'82*F S92-T(()%'*,%-.. [2; 3].

. G\$'(8\$:/ - H7* 2.9-. *= *62*0 (J 2.34., '%2(F 9)%2(> * 6,(A.7%'82*F S92-T(()%'*,%-..] 2. (J9).%7 *;*=22*;7(;74*%2(> 7%'.)%'*,%-.. , =(*6(2.0(-9(;7.7(-9 *3*42*-6,(A.7%'82*A*.33.4.7. , 4.J'()2?B 9; '*, (>B %A* 3*, ;%62%,2*F 1(J2(, , ;3*47(,2*-3%6.A%A()%;-*F, S(J-9'8794*F, 34*(J,*6;7,%22*F (0%6(T(2;-*F 34.-7(-.] 62.-* 7%'*)%'*,%-.. 34(H7*0 4.;;0.74(,.7%;2% -.. 7*)-(('(;(7%0. 7%)-, . -.- T%*;72?F 0.-4*;-*3()%;- (F *=U%-7, , -*7*4*0 (J9).%7;> 6,(1%2(>%A* *76%'82?B). ;7%F (H%0%27*, , 0%B.2()%;-*%;7*>2(% -*7*4?B ;9D%;7,%22*J.,(;(7%*7 2.). '82?B 9; '*, (F (J0%4%2(>.

(J9)%2(> - (2%7(-(- ;74*%2((6,(1%2(> 7%'.)%'*,%-.. (*76%'82?B %A*). ;7%F - -T%*;72?F ;(7%0? , 34*;74.2;7%, (* , * ,4%0%2(.] 2*;2?0 >, '>%7;> 2. '(J 6,(1%2(F (3*'1%2(F)%'*,%-.. , 34*;74.2;7%, *72*;7(%'82* ;*0.7();-*F (3*6,(12*F (2%3*6,(12*F);(7%0 -**46(2.7%A* 7%'. ..

i.;;0.74(,.> 7%*')%'*,%-.. (%A* 6,(A.7%'829E .-7(,2*;78 ; ;*,4%0%22?B 0%7*6*'*A()%;- (B 3*J(T(F, 0*12* -*2;7.7(4*,.78,)7* 7%40(2 :\$'(8\$:/ 2. (=*'%' (2S*40.7(,%2 6'> 6%7.'82*A* (34%60%72*A* *=U;>2%2(> ;9D2*;7(6,(A.7%'82*F S92-T(()%'*,%-..] 2 3*J,*'>%7, ; *62*F ;7*4*2?, 6*;7.7%2* ;74*A* 3*6*F7(- S(J())%;-*09 ;*6%41.2(E ;0*A* 3*2>7(> “6,(1%2(%”, . ; 649A*F c ,2%7(, ;0? ; H7*A* 7%40(2.7*,)7* 34(,2*;7 , 2%A* J2.2(> *%;7;7,%22?B 6,(1%2(>B ;*=;7,%22*1(, *A* *4A.2(J0..

] 4A.2(J0)%'*,-.., -. (J,%;72*, 0*1%7 =?78 34%6;7., '%2 , ;*,4%0%22*F 2.9-% 4.J' ()2?0(;3*;*=.0(, *=U%-7(,2*B.4.-7%4(J9ED(0(4.J2**=4.J2 ?% A% H'0%27?. [.-, ,).;72*;7(, %A* 0*12% *3(; ?,78 , 7%40(2.B,B.4.-7%4(J9ED(B 0(-4*;-*3()%;-9E (9'874.0(-4*;-*3()%;-9E ;749-7949, . 7.-1% 4.J' ()2% -.)%;7,%22?% (-*'()%;7,%22?% A% B.4.-7%4(;7(-.] 62.-*, -. (J,%;72*, ,;>-*% 7.-*% *3(;.2(% 6'*12*=?78 2%4.J4?,2* ;,>J.2* ;* ;749-794*F %A* 6%>7% '82*;7(, *3(; ?,.%0*F 34(3*0*D(H7(B B.4.-7%4(;7(-. _ H7*F 7*)-(J4%2(>, 34%6;7., '>%7 J2.) (7% '82?F (27%4%; =*'% 6%7.'82%4.;0*74%2(% ; *62*F ;7*4*2 ? 0*4S*'A()%;-(B (S92-T(*2.'82?B, . ; 649A*F ;7*4*2 ? S(J())%;-(B ;,*F;7, 7%. 1(,*A*)%'*,-.. P;'(H7(;,*F;7, . (;%'6*, .78 , ;(7%02*0 %6(2;7%, 0*12%3*9)(78 6*;7.7*)2* *4(A(2.'829E 0*6%'8 J2.2(F * 1(,*0 7%')%'*,-.. # ;*6%41.2((H7*F 0*6%(), , 7.-*0 ;'9).%, 6'*12?=?78 ;,%6%2(> * S(J())%;-(B B.4.-7%4(;7(-.B 6,(1%2(F)%'*,-.., . 7.-1% * A% =(*'*A()%;-(B, ,).;72*;7(S92-T(*2.'82*-0*4S*'A()%;-(B *;*=%22*;7>B. _ H7*F 7*)-(J4%2(>,7.2*,(7;>3*2>72?0 7.-*% 2.34., '%2(%,-. -(2%7(-. 1(,*A% 7%'.)%'*,-.. .# @(*4*-0 ;0?;%' ;*.., -(2%7(-. >,'>%7;> .;78E 0% B.2(-, , '-E).ED9E 6(2.0(-9(;7.7(-. _ H7*F 7*)-(J4%2(>,%;' (A*,*4(78 * 7%')%'*,-.., ,3*2% 4.T(*2.'82?0 0*1%7 *-.J.78;> 3*6B*6 - H7*09 3*2>7(E, -*7*4?F *B, .7?, .%7 -(2%0.7(-9, 6(2.0(-9(;7.7(-9 7*A% *=U%-7., -*7*-4?F *62*,4%0%22* 0*1%7 >,'>78;> (34%60%7*0 =(*'*A()%;-(B 2.9-.] 62.-* 34(H7*0 ,3*2% 6*39;7(0* *62*,4%0%22*% (;%'6*, .2(% (=(*'*A()%;-(B, (0% B.2()%;-(B ;,*F;7, 7%.)%'*,-.., -*7*4% >,'>%7;> 7.- (0 1% 0.7%4(. '82?0, S(J())%;-(0 7%'*0, -. -(0 >,'>E7;> (,;% 649A(% 7,%46?% 7%'.. M*, 7* 1% ,4%0> ;*,%4@%22* *%), (62*,)7* 7%'*)%'*,-.. *='6.%7 02*A(0(7.- (0(;,*F;7, .-0(, -*7*4?B 2% (0% E7, ;% 649A(% (J,%;72?%, 34(4*6% 7%'.. V*H7*09 ,3*2% 3*2>72*,)7* 6'>7%A*,)7*=? 3*9)(78 -. -9E-'(=6*;7.7*)2* ;*,%4@%229E 0*6%'8 ;74%2(>7%'.)%'*,-.. (%A* 6,(1%2(F, 2%*=B*6(0* 34(2>78 *34%6%'22?%, 6*;7.7*)2* ;74*A(% *A4.2()2(>(6*39D%2(>. _ *,%4@%22* *%), (62*,)7* ,;% 4.2% (J,%;72?% 0%7*6*'A()%;-(% ;3*;*=? (34(%0 ? *3(;.2(>7%'.)%'*,-.. (%A* 6,(1%2(F, 34(0%2>0?%, 0*4S*'A()%, S(J(*'*A(((=(*0% B.2(-, , 2.;7*>D%0 ;'9).% 2% 0% A97 >,'>78;>,3*2% -*44%-72?0(. 1*4S*'A()%;-*% (S(J(*'*A()%;-*% *3(;.2(% 7%).)%'*,-.., -. (J,%;72*, ;74.6.%7 ;'(@*-0 =*8@(0(2%7%)2*;7>0((2% 0%1%7 =?78 (;3*8J*, .2% 34(34(0%2%((;%48%J2?B .2. '(7()%;- (B 0%7%6*, (3*6B*6*, . _ 649A*F ;7*4*2?, =(*0% B.2()%;-(B B.4.-7%4(;7(- (6,(1%2(F (3*'*1%2(F 7%).)%'*,-.. 2% 0% A97 =?78 34(J2.2? 7.-1%, 3*2% F 0%4%.6%-, .72?0(34((B (;3*8J*, .2((. h(J())%;-(;74*A(% 0%7%6? *3(;.2(>6,(1%2(F (3*'*1%2(F 7%).)%'*,-.. 2% >,'>E7;> 7.-*, ?0(34(*3(;.2((%A* 0%4S*'A()%;-(B (S(J(*'*A()%;-(B 3.4.-0%74%, 3*,-*8-9 , =(*0% B.2(-%4.;0.74(,.E7;>6,(1%2(>.=;*E72* 7,%46?B 7%, -. -,?0, -. -(J,%;72*, 2% >,'>%7;> -. 7%'*)%'*,-.., 7.- (*76% '82?% A% H'0%27?. -. (J,%;72*, =(*0% B.2(-%, 7%'*)%'*,-.. (4.J' ()2% ?% A% H'0%27? 0% A97 0%6%'(4*,.78;>, ,(6% *=U%-7*, 0.7%4(. '82*F ('(;(7%0 ? 7.-2.J?, .%0?B 0.7%4(. '82?B 7%*)-.] 62.-*, -. (J,%;72*, 7%'*)%'*,-.. ; *62*F ;7*4*2?, 2%, *J0*12% 6*;7%, %42% 34%6%;7., (78 , ,(6% .=;*E72* 7,%46*A% 7%. ('(;(7%0 ? 7%. "4*0% 7%A*, 34(,;%B ;3*;*=.B *3(;.2(>7%'.)%'*,-.. (%A* 6,(1%2(F ;'69%7 9)(7?,.78 3.4.0%74? 6,(1%2(F 2% 7%8-* A% *76% '82?B 7%*)-, 2* (6,(1%2(% 4>6. ;*,%4@%22?B T%'*;72?B H'0%27*, , 7.-(B .-, 2.34(0%4, 49-, 2*A., 79*', (D% (7.6. !49A(0(;'*,.0(, (2S*40.T(>* 6,(1%2((*76% '82?B 7%)-7%'.)%'*,-..).D% ,;%A% *-.J? ,.7%;> (;-.1%22*F (2%6%;7%, %42*F. #;% H7* *)%28 9; '*12>% 34%6%;7., '%2(% * 7%')%'*,-.. ,*, ;%F 6*;7932*F '(7%4.794%. V*H7*09, *)%, (62*,)7* 2.;7. '*,4%0>0%7*6*'A()%;-(=*%'%)7-*A* (*=U%-7(,2*A*. 2. '(J. 7*A% 3*2>7(F2*A*. 33.4.7., -*7*4?F B.4.--7%4(J9%7 6,(A.7% '829E S92-T(E)%'*,-..

" .16.>2.9-. (0%7 ;,*F *=U%-7 (34%60%7 (J9)%2(> (3*2>7(F2?F .33.4.7, -*7*4?F 9;74.2>% 4.J' ()2% 3*2(0.2(% (7%'-*,.2(% 34*S%;;(*2.'82?B 7%40(2*, 34(*=D%2((;3%T(. '();7%, . 34%3*6.,.7%'F ; 9).D(0(;. # ;0*0 @(*4*-0 ;0?;%' **34%6%'2(% 3*2>7(>) c H7* 'A()%;-. >*3%4.T(>, , 34*T%;;% -*7*4?F 4.;-4? ,.7%;> ;*6%41.2(% 3*2>7(>_. '%69%7 *70%7(78,)7* **34%6%'2(% 3*2>7(>2% ;78 4.J (2.,;%A6. 6.22% (2%(J0%22*%".

A?/48/L\$1 - ;(7%0. 0% B.2(J0*, 6,(A.7% '82*F S92-T((, *=%;3%)(,.ED.>7.-*% (J0%2%2(% %% B.4.-7%4(;7(- (;3*;*=, 34*>, '%2(>, -*7*4% 2.34., '%2* 2. 3*, ?@%2(% HSS%-7(,2*;7(%% S92-T(*2(4*,.2(> ; T%'8E 3*66%41.2(> A%0%*;7.J(;. *4A.2(J0.)%'*,-.. (%A* 2%4.,2*,%;2*A* 7%40*6(2.0());-*A* ;*;7%>2(> 3* *72*%2(E - *-491. ED%F ;4%6%.

\$-\$-@(+/'\$&(2:\$(\$+/6/:8(6\$28\$:\$?*\$T(''\$C &(-*(:/ - H7* 0%4? (J0%2%2(> 0%B.2()%;-*A* ;*;7*>2(> 6,(A.7%'82*F S92-T((%)'*,-. 2. 94*,2% T%'*;72*A* *4A.2(J0. (0.7%4(. '82*F 7*)-((' ;(;7%0? 0.7%4(. '82*B 7*))-.

SU286-8/ - H7* 7.-*% -.)%;7,* , -*7*4%* *34%6%'>7;> ;-*4*;78E 6,(1%2(> T%274. 0.;; 7%'.)%'*,%-, %A* *76%'82?B J,%28%, ('(7%)- 7% . , (J=4.22*F ;(;7%0% *7;)%7., . 7.-1% ;-*4*;78E ('(4%0%2%0%A* 6,(A.7%'82*F 4%. -T((, *7,%7 2. -.-*F-'(=*,2%@2(F 4.J64.1(7%8.

EU'-2=\$*-28> - H7* 7.-*% 6,(A.7%'82%* -.)%;7,*)%'*,%-, -*7*4%* B.4.-7%4(J9%7 %A* 4.=*7*-3%;*2*;78 (0*1%7 34*>, '78;> (0 2. 34*7>1%2((*34%6%'22%A*,4%0%2(, *T%2(78 %A* 0*12%7*'8-* 34(;74*A*F 4%A'. 0%27.T((J.6.22?B =(*0%B.2()%;- (B B.4.-7%4(;7(- 6,(A.7%'82?B 6%F-;7,(F.

V\$1:-28> - H7* ;3*;*2*;78)%'*,%-. , ?3*'2>78 6,(1%2(> , ;9;7.,.B ; , *J0*12* =*8@%F .03'(796*F.

V-@(-28/#\$2 - ;*;7*>2(% 6,(A.7%'82*F S92-T((, *=%;3%)(,.ED% 3*;7*>2;7,* ,2974%22%F ;4%6? *4A.2(J0. , 9;*',(>B %A* .-7(,2*A* (6(2.0()%;-*A* ,J.(0*6%F;7,(> ; ,2%@2%F;4%6*F.

V6/*\$8/L\$- 'U(*#/@\$-?(C28*\$1 7%'.)%'*,%-. B.4.-7%4(J9E7;> ;*72*@%2(%0 %A* A4.,(7.-T(*22*F 0.;;? ;0.;;*F d%0'(, . 7.-1% ;72*@%2(%0 0.;; %A* *72*;(7%'82* 3*6,(12?B .;7%F- J,%28%, , -*7*4%* *34%6%'>E7 *;*=%22*;7(0%7.=*(J0. %A* *4A.2(J0.,7(3 ,?;@%F 2%4,2*F 6%>7%8-2*;7((%A* 6,(A.7%'82% , *J0*12*;7(.**

V6/*\$8/L\$- '/I X'(6J\$1 -*')%;7,%22* B.4.-7%4(J9%7 J.3.;4.=*7*;3*;*2*;7(;(;7%0? , *='- .6.ED%F 2%-*7*4*F 0.;;*F (3*62>7*F 2.6 d%0'%F ('(;(;7%0? , ;*;7*>D%F (J *76%'82?B 7*)%2?B 0.;;, ,J.(0*;,>J.22?B 0%169 ;*=*F 9349A(0(;('0(, ('(;(;7%0? , 0.;;? -*7*4?B, ,J.(0*6%F;7,9>0%169 ;*=*F, ;*,%4@. E7 *34%6%'229E 4.=*79 J. ;)%7 4%.-T((;,*(B ;,>J%F.

Y*\$J/8(=>'I / :8\$*'-28>- H7* =(*'*A())%- (6%7%40(2(4*,.22?F 94*,%28 34*>, '%2(> 6,(A.-7%'82?B ;3%;*2*;7%F (6,(A.7%'82?B ,*J0*12*;7%F, *=9;* , '%22?F A%2*7(3());-(0((S%2*7(3(-)%;-(0(*;*=%22*;7>0(*4A.2(J0.)%'*,%-. .

Y*\$J/8(=>'U(*-#-@- T '-28\$ - H7* ;*1(,@(%;> , *4A.2(J0%)%'*,%-. , 34*T%;;% S('*A%2%J.,*27*A%2%J., *=9)2%(> (74%2(4*,-(4%. '82?% 34%63*;? '-(- , ?3*'2%2(E 6,(1%2(F ; *34%6%'2-2?0(=(*0%B.2()%;- (0(B.4.-7%4(;7(-0(. .

Y*\$J/8(=>'(?(C28*\$(- H7* 7.-*% 34*>, '%2(% 6,(A.7%'82*F .-7(,2*;7()%'*,%-. , -*7*4%* (0 *%;*J2.2* (T%'2.34., '%22* 2. 4%@%2(% -.-*F-'(=*-2-4%72*F 6,(A.7%'82*F J.6.)(7%2B()%;-*%6%F;7,(%, ;*4%,2*, .7%'82% 6%F;7,(% - T%'8 74%2(4*,*)2*A* 34*T%;;.).

Y*\$J/8(=>'I ?\$28 - '\$1 - *62*,4%0%22%* ;*-4.D%2(% 0?@T.A*2(;7*, (.27.A*2(;7*,; ;*34-* ,*16.%7;> ;3.J0*0 (=?;74?0(7(-=4.J2?0(6,(1%2(>0(), 0?@%)2*F .-7(,2*;78E, 6'(7%'8-2*;78E *7 1 ; (=*%%. .**

Y*\$J/8(=>'U(24-2-I '-28\$ - H7* 3*7%2T(. '82.>, 2* 2% 4%. '(J*,.22.> 34%64.;3*'*1%22*;78)%'*,%-. - 7*09 ('((2*09 34*>, '%2(E 6,(A.7%'82*F S92-T((.

Y*\$J/8(=>'U(28(6(-8\$4\$\$ - *62=4.J2* 3*,7*4>ED(%;> 2%T%'2.34., '%22?%, =%;;0?; '%2-2?% 6,(1%2(>, 2%4%6-* 34%6*'1. ED(%;> 6'(7%'82% ,4%0> , 9D%4= 649A(0 S*40.0 6,(A.7%'82*F .-7(,2*;7()%'*,%-. .**

Y*\$J/8(=>'U(:/(&(28*/ - H7* *76%'82?%, -.)%;7,%22* 4.J'()2?% ;7*4*2? 0*7*4(-(-)%'*,%-. , -*7*4%* 34*>, '7E7;> (0 , *62(B (7%2B 1% =(*0%B.2()%;- (B B.4.-7%4(;7(-.B, (0%E7 *6(2 (7*7 1% (J0%4(7%'8 (;B*62?% .2.7*0()%;- (%, =(*'*A())%;-(% (3;(B()%;- (% 0%B.2(J0? *=%;3%)2(> (4%. '(J.T().

Y\$'@\$/&(2:\$(\$+/6/:8(6\$28\$:\$?*\$T(''\$C &(-*(:/ - H7* 0%4? ,2%@2(B (,2974%22(B ,J.(0*6%F;7,(F)%'*,%%;-*A* 7%'. (0.7%4(. '82*F ;(;7%0?), *34%6%'>ED(% 34()(2? %A* 6,(1%2(F.

Z(28 - -9'87942* 6%7%40(2(4*,.22% H-;34%;(,2*% 6,(1%2(% , *=*J2.). ED% *34%6%'22%69@%,2*% ;*;7*>2(% , (;3*'8J9%7;> *=?)2* 6'> 34(6.2(>6*3*'2(7%'82*F , ?4.J(7%'82*;7(4%)(.

I @46\$'8\$'J - *62. (J S*40 .6.37.T((, ?4.=*7.22.> 9)%'*,%-. , 34*T%;;% S('*A%2%J.. V4*>, '7%7;> , .;72*;7(, , ,(6%34(, >J.22*;7(4%=-2- .0.7%4((*7T9). X0%7 =*8@%* J2.)%2(% , B%6% 2*40.'82*A* S*40(4*,.2(>)%'*,%-. , 34*T%;;% *27*A%2%J..];2*,.2. 2. A%2*7(3());-(B (S%2*7(3());-(B 2%F4*=(**'*A())%;-(B 0%B.2(J0.B 34(, ?-2(>4.J'()2?B ;(;7%0 1(,*A* *4A.2(J0.. # 34*T%;;% 4.J,(7(>)%'*,%-. J.-'.6? , .%7;> , *;2*,9 0%B.2(J0*, 3.0>7(. #* 02*A*0 ='.A*6.4> H7*09)%'*,%-. ;3*;*=%2 *9).78;>.

G\$'(@/8\$&(2:\$(+/6/:8(6\$28\$:\$?*\$T(''\$C &(-*(:/ - H7* 0%4? 3*'*1%2(> (6,(1%2(>,34*;74.2;7,% (,*,4%0%2((34*;74.2;7,%22?%,4%0%22?% (34*;74.2;7,%22*-,4%0%22?%) 7%'.)%'*,-. (0.7%4(. '82*F 7*)- (('(;(;7%0? 0.7%4(. '82?B 7*)%-).

Кинетический потенциал организма человека – H7 =(*' *A()%;- (F 4%J4, *4A.2(J0., 3*7%2T(- . '82.>, 2* 2% 4%. '(J*,.22.> 34%64.;3*'*1%22*;78)%'*,-. - 7*09 ('((2*09 34*>, '%2(E 6,(A.- 7% '82*F S92-T(.*

G--6?\$/'/L\$1 ?*\$T(''\$C - 9; '*, 2?F 7%40(2, 3*- .J? ,.ED(F ;7%3%28 ;*A' .;*,.2(> -(2%0.7(- .)%;- (B (6(2.0()%;- (B B.4.-7%4(;7(- 6,(A.7%'82*A* 6%F;7,(> 34(4%@%2((6,(A.7%'82*F J.6.) (-46(2.7 7*)%- 7%.., 74.-7*4(F, 9A'*,, ;9;7,.B, ;-*4*;7%F (9;-*4%2(F 6,(1%2(> 0.;; J,%28%, 7%.., 6%F;7,9ED(B ;(, 0*0%27*, ;(, (2%4T(*22?B B.4.-7%4(;7(- 6,(1%2(> J,%28%, 7%.. (7.6).**

G--6?\$/'/L\$- ''U(24-2-I'-28\$ - H7* 7.-(% ,4*16%22?% 34%63*; ?' - (, *4A.2(J.T((6,(A.7%'8- 2*F S92-T(, -*7*4?% *34%6%'>E7 %% ;*7,7,(% =(*0B.2()%;- (0 74%=-, .2(>0 - 4%. '(J.T((6,(A.7%'82?B J.6.2(F, (0%ED(B *34%6%'22?% - (2%0.7()%;- ((6(2.0()%;- (% 3.4.0%74?, (34(H7*0 3*J,*'>E7)%'*,-9 (J=(4.78 *37(0.'82?% ;3*;*=? 4%@%2(> 6,(A.7%'82?B J.6.), 0(2(0(J(49>;,*(H2%4A%7()%;- (% J.74.7?.

G--6?\$/'/L\$- ''I 286;:8;6/ ?*\$T(''\$C - H7* J.-*2 (27%A4.T((-(2%0.7()%;- (B (6(2.- 0()%;- (B ;749-794 , %6(2*F ;(,7%0%6,(A.7%'82*A* 6%F;7,(>.

D-*:-28> - H7* 7.-*% -.%;7,*, -*7*4*% 3*J,*'>7)%'*,-9 4%@.78 6,(A.7%'82?% J.6.) (, B.4.-7%4(J9ED(%;> =*8@*F ;*12*;78E, =?;74*F ;0%2*F ,2%@2(B 9; '*,(F (74% =9ED% *7 2%A% ;*7,7%;7,%22* =?;74*F (;*A' .;*,.22*F ; (J0%2>ED(0(;> 9; '*,(>0(;0%2? B.4.-7%4(;7(- -46(2.T(*22*F ;749-794? (6,(A.7%'82*A* ;*,7.., *(B; *;=7,%22?B 6%F;7,(F.**

D-:-@-L\$\$ - .7(,2?% 3%4%0%D%2(>7% .)%'*,-. , 34*;74.2;7,% 34(3*0*D(4.=*7? 0?@T , 4.J'()2?B 9; '*,(>B ,J.(0*6%F;7,(> ;A4.,(7.T(*22?0 3*'%0 d%0'(.

| / '\$4:=IL\$\$ - -**46(2.T(*22*-;*12?%6,(1%2(>-(7((3.'8T%,.

| / '(6'U(?*\$T(''\$1 - 2%*=?)2.> (34(96'(. ,. ,?)942.> S*40. T%'2.34., '%22*A* 6,(A.- 7%'82*A* 6%F;7,(> , ,*J2(-.ED.> , 4%J9'87.7% , -' E)%2(> ;7%4%7(32*A* 6%F;7,(> , T%'2.34., - '%22%3*,%6%2(%.

| (8/I-=\$#@ - 34*T%;; 6,(1%2(> 1(,*F 0.7%4((2. ;9=0(-4*94*,2% %% *4A.2(J.T((, -*7*4?F ;*34*,*16.%7;> ,?6%'2(%0 B(0()%;-*F (7%3'*,*F H2%4A((,34%,4.D.%0*F ,3*; '6;7,(,H%'74*- 0.A2(729E H2%4A(E -%7*-, 7-.2%F (*4A.2*, ,*=%;3%) (, ED9E (B 4.=*7*;3*;*=2*;78, 34%*=4.- J9%09E, , ;,*E *)%468, 6. '% , A4.,(7.T(*229E H2%4A(E ,;A* 7%.., *=%;3%) (, ED9E 6,(1%2(% 2. 0.-4*94*,2% *4A.2(J.T((*4A.2(J0.)%'*,-..

| (+/'\$&(2:\$(- ?*\$T(''\$1 - (J0%22(% 3*'*1%2(>7%. (0.7%4(. '82*F 7*)- (('(;(;7%0? %A* 0.7%4(. '82?B 7*)%-) ;7%)2(%0 ,4%0%2(*72*; (7%'82* 649A(B 7% (;(7%0 *7;)%. V*6 6,(1%2(% 0 3*2(0.E7;> ;,>-(J0%2%2(> , *4A.2(J0%, .7.-1% ;0%2. %A* ;*;7%>2(F.

| - 8-6\$//- ;*,*-932*;78 (;(7%0.) 6,(A.7%'82?B ;3*;*=2*;7%F (6,(A.7%'82?B ,*J0*12*;7%F)%'*,-..

| ^ (J('86-4\$1 - 0%4. ,4%*>72*;7(3*66%41.2(> *34%6%'22*A* ;*,7%>2(> ;(7%0? ,2%;0*74> 2. S(J())%;-(% 34%3>7;7,(> - % ;9D%;7,*,.2(E (2.34(0%4 A*0%*;7.J(, *4A.2(J0., ;7.=('82*;78 =(*0B.2()%;-*F ;(7%0? 934.12%2(> (7.6.).

| '8-J('8\$&(2:\$ 4-2=(-?-* /8(=>'-(K-6@\$6-* /'\$('8\$&(2:-J- 4-8('L\$/=/ -6J/'\$#@/ &(-*(:/ - H7* 34*T%;; %A* 4.J,(7(> , 9; '*,(>B %;7;7,%22*F 6,(A.7%'82*F .-7(,2*;7(, 4%A'.0%2- 7(49%0?F 34%(09D%;7,%22* 7*'8-* =?7%,?0((7496*,?0(6,(A.7%'82?0(6%F;7,(>0(,4.J'()2?0(S*40.0(*4A.2(J.T((S(J())%;-*A* ,*;3(7.2(> , 6%7;-*0 ;.69, 94*-.0(S(J())%;-*F -9'8794? , 4.0-.B @-*'82*F 34*A4.00? , . 7.-1% S(J())%;-*F .-7(,2*;78E , 4.J'()2?B S*40.B .-7(,2*A* *76?B. (4.J, '%)2(F.

| 'I6/8 '/I 2*1#> - 0%B.2(J0 (2S*40.T(*22*A* *=%;3%)%2(> ;(7%0? 934., '%2(> .6.37.T(%F *4A.2(J0. , ;4%6% %A* *=(7.2(>.

b\$=/ - H7* 0%4. ,J.(0*6%F;7,(>7%.)%'*,-. , T%'*0, *76%'82?B %A*).;7%F - J,%28%, ('(649A(B =(*H%'0%27*, (-%7*-, 7-.2%F, *4A.2*,) ;A4.,(7.T(*22?0 ((H%'74*0.A2(72?0 3*'%0.

b 8\$@;=6;(@-(- 6/#*\$8\$(:\$'(8\$&(2:-J- 4-8('L\$/=/ -6J/'\$#@/ &(-*(:/ - ;3%T(. '82* *4A.- 2(J*,.22?F 34*T%;; 3%6.A*A()%;-*A* 934., '2(> , *;2*,9 -*7*4*A* 3*'*1%2? 7% B2*' *A((J.2>7(F S(J())%;-(0(934.12%2(>0(4.J'()2*F =(*0B.2()%;-*F 2.34., '%22*;7(; T%'8E 6*;7(1%2(> , ?;-*A* J.6.22*A* 94*,2> S*40(4*,.2(> *34%6%'22?B 2., ?-*, (90%2(F, 4.J,(7(> 6,(A.7%'82?B ,*J0*12*;7%F, *=%;3%)%2(> T%'2.34., '%22*A* (-*274*' (49%0*A* 34*7%-.2(> .6.37.T(*22?B 34*-

T%;;*, , 0*4S*'A();-(B (S92-T(*2.'82?B ;(;7%0.B, ;*,%4@%2;7,*,.2(>6,(A.7%'82*F S92-T((J.2(0.ED(B);

b 86;:8;6U ?*\$J/8(=>'U+ ?(C28*\$C, 6(2.0(-. 34*>, '%2(F -*7*4?B , ;*4%,2*,.7%'82*F 6%>7%'82*;7(2.(=*'%%).;7*0*6'(49%7;>, ;3*47(,2*F 74%2(4*,-%:

- управления ((2S*40.T(*22*-3;(B*'A());-.>;749-794.) - *=%;3%) (. .7;>7.-*F S92-T(*-2.'82*F .-7(,2*;78E 2%4,2*F ;(;7%0?, , 4%J9'87.7% -*7*4*F 9)%'*,-%. S*40(49%7;>0*7(, (T%'8 6%F;7,(>, 2.*;2*,.2((3%4%4.=*7-((2S*40.T(((J ,2%@2%F ;4%6? ;74*(7;> *3%4.-7(,2?F *=4.J, -*2T%379.'82.>0*6%'8 6%F;7,(>, 34(2(0.%7;>4%@%2(%,*;9D%;7,'>%7;>34*-,%4-. 4%J9'87.7*, (- *44%-T(>H%'0%27*, 6%F;7,(>;

- исполнения (.274*3*0*7*42.>, =(*0%B.2());-.>, . 7.-1% ;749-794. A4., (7.T(*22?B ,J.(0*-6%F;7,(F)- ,-'E).%7 ;(;7%0? A2%*7(3());-(B (S%2*7(3());-(B 2., ?-*,, . 7.-1% ,4*16%2-2?B (34(*=4%7%22?B , 34*T%;%;7%;7,%22*A*=(*'A());-*A* 4.J,(7,>, *=%2(> (74%2(-4*,-(, -*03'%-;*, 3*,%6%2)%;-(B 6,(A.7%'82?B 4%.-T(F (6,(A.7%'82?B 90%2(F, ;*6%41.-D(B 7.-(% H%'0%27? 34*>, '%2(>6,(A.7%'82*F .-7(,2*;7(, .-3*J2?% 4%.-T((, 34*;74.2-;7,%22?% 3%4%0%D%2(>7%'. *34%6%'22*F 0.;? , A4., (7.T(*22*0 3*'%,'*-*0*T((, 0.2(-39'>T(*22?% (649A(% 6,(1%2(>, *=%;3%) (.ED(% 4%@%2(% 6,(A.7%'82*F J.6.) ((6*;7(1%-2(% T'(';

- обслуживающие структуры - *=%;3%) (. .E7;>,J.(0*6%F;7,(%0 ;(;7%0, *=; '91(, .ED(B .33.4.7 6,(1%2(F (%46%)2*-;*;96(;7*F, 6?B.7%'82*F, 3(D%, .4(7%'82*F, H26*-4(22*F, ,?-%6'(7%'82*F (64).

d(=-2=- **T**('\$(- ,>%7;> *62*F (J B.4.-7%4(;7(- S(J());-*A* 4.J,(7,>, -*7*4.>6.%7 *=%U--7(,2%*34%6;7., %2(% * 34*;74.2;7,%22*F *4A.2(J.T((0*4S*'A());-(B ;*;7., 'ED(B *4A.2(J0.)%'*,-.., 34*3*4T(>B, -*2;7(79T(*2.'82?B *;*=%22*;7>B 7%'. , *2* 7.-1% (0%7, ?4.1%22?% 3*'*%, , *J4.;72?%, H72*2.T(*2.'82?% ((26(,(69.'82?% *;*=%22*;7.

d\$: - ,2%J.32%, *74?, (;7%, 3*, 7*4>ED%);>6,(1%2(% , -*7*4%*, *, '%-.E7;> *76%'82?% A493-3? 0?@T.]2* 2.3*0(2.%7 2*40.'82%-*46(2(4*, .22%6,(1%2(% , .48(49%7 3* (27%2; (,2*;7((*7'().%7;> *7;97;7,(%0 4(70()2*;7(.]2 0*1%7 ,4%0%22*3*6., '78;>9; ('(%0 , *'((*72*; (7%'82* '%A-* (0(7(49%7;>. # %A* *;2*, % '1(7 -4.7-* ,4%0%22% ;*-.D%2(% 0?@T?, 2%3*;4%6;7,%22* , ?J? , .ED%F 6.22%6,(1%2(% , '(= *62*, 4%0%22.> .-7(, .T(> 0?@T?-A*2(7. (.27.A*2(7. 6'(7%'82*;78E 50-500 0;.

N8-@=('\$(- ,4%0%22% ;2(1%2(% 6,(A.7%'82*F .-7(,2*;7((6,(A.7%'82?B , *J0*12*;7%F)%'*,-.., ?J.,22%7.- (0 34*>, '%2(% 6,(A.7%'82*F S92-T((, -*7*4%* 34%, ?@.%7 3*7%2T(. '%A* *4A.2(J0. , 6.22?F 3%4(*6 ,4%0%2(.

\$#&(2:- (6/#*\$8\$(-7%40(2,(0%ED(F 6., 7*'-*, .2(>:
- 34*T%; 4.J,(7,>, S*40(4*, .2(>6,(A.7%'82*F S92-T(()%'*,-.., S('*A%2%J% ('*27*A%2%J%;
- ;*;7*2(% 6,(A.7%'82*F S92-T(()%'*,-.., -*2-4%72?F 0*0%27 ,4%0%2(, B.4.-7%4(J9%0%* S(J());-(0(3.4.0%74.0(7%*;*1%2(>, 6,(A.7%'82*A*.33.4.7., ;(7%0, %A* *=; '91(- , .ED(B.

f'(6J\$1 - ;3*;*2*;78 7%'. ;*,%4@.78 4.=*79 (J.3.; 4.=*7*;3*;*2*;7(;(;7%0?).

f'86-4\$1 - ;7%3%28 93*4>6*)%22*;7(H%'0%27*, ;(;7%0? (-*'()%;7, %22.>0%4. 2%*34%6%'2-2*;7(). V4(0.-;(0.'82* , *J0*12*0 3*4>6-% H%'0%27*, , ;(;7%0% % H2%4A(> 0.-;(0.'82., . H274*3(>4.,2. 29'E.

, , ,

S\$-@(+/'\$&(2:/I :-66(:L\$1 K; ':L\$- '/=>'U+ '/6;H(''\$C ?*\$J/8(=>' -J- /44/6/8/ - H7*3%6.A%A());-(F 34*T%;; 2.34., '%22?F 2. (J0%2%2(% 34*;74.2;7,%22*F *4A.2(J.T((7%'.)%'*,-.., 9349A*,>J-(B ;,*F;7, ;-%'72?B 0?@T, =(*6(2.0(- (;9;7.,2*;-,>J.)2*A*.33.4.7. 2.*;2*,% J2.-2(F * , '(>2((A4., (7.T(*22?B ,J.(0*6%F;7,(F, S(J());-(B 934.12%2(F 4.J')()2*F =(*0%B.2();- -*F 2.34., '%22*;7(2. A%*0%74(E 0.;;, -(2%7(-9 7%'. , %A* =(*0%B.2());-(% B.4.-7%4(7(-, 4%A(-;74(49%0?% ; (;3*8J*, .2(%0 7%2B2());-(B ;4%6;7., .,7*0.7(J(4*, .22?B 6(.A2*;7());-(B -*03'%-;*, , . 7.- 1% 3*H7.32*A* =(*0%B.2());-*A* 0*2(7*4(2A. ; (2S*40.T(%F * 4%J9'87.7.B 3%6.A%A());- -*F 6%7%'82*;7(.

V6/*\$8 - '\$:/ - ;(;7%0. . 4%6;7, (0%7*6*, HSS%7(,2*A* (;3*8J*, .2(>H2%4A((A4., (7.T(*2-2*A* 3*');, (27%4%;B *=%;3%)%2(>2*40.'82?B 9;*', (F 1(J2%6%>7%'82*;7(, ;*B4.2%2(> (3*66%41.-2(>J6*4*,8>) '%,-.., ;*,%4@%2;7,*,.2(>%A* 6,(A.7%'82*F S92-T(((,J.(072*%2(> *4A.2(J0. ; *-491.ED%F ;4%6*F.**

V6/*\$8/L\$- ''/I 86(''\$6-*:/ - ;3%T(. '82* *4A.2(J*, .22?F 34*T%;; 3%6.A*A()%;-*A* 934., '%-2(>, , *;2*, 9 -*7*4*A* 3*'1%2? 0%7*6? (27%2(;, 2?B J.2>7(F ;3%T(. '82?0(S(J())%;-(0(934.1-2%2(>0(; T%'8E 6*;7(1%2(>, ?;-*A* J.6.22*A* 94*, 2>S*40(4*, .2(>*34%6%'22?B 2., ?-* , (90%2(F, 4.J,(7(>6,(A.7%'82?B ,*J0*12*,7%F (;*, %4@%2;7,, 6,(A.7%'82*F S92-T((J.2(0.ED(B->. YSS%7(,2*;78 %% 6*;7(A.%7;> 397%0 (;3*'8J*, .2(>0%7*6*, -4(7%4(. '82*A* 0*6%'(4*, .2(>7.- (B 9; '*, (F A4., (7.T(*22?B ,J.(0*6%F;7, (F 6,(A.7%'82*F S92-T(()%'*,-. ; ,2%@2%F ;4%6%F, -*7*4%? B.4.-7%42?, 2.34(0%4, 6'>%A* =969D%F ;3*47(,2*F ;*4%, 2*, .7%'82*F ('('E=F 649A*F 34*S%;;(*2.'82*F 6,(A.7%'82*F 6%>7%'82*,7(.

Y*\$J/8(=>'/I 6(/I\$=\$8/L\$1 - 34*T%;; , *;;7.2*, '%2(>, 4%022* 974.)%22?B ;,*F;7, 6,(A.-7%'82*F S92-T((;4%6;7,.0(S(J())%;-*A* ,*;3(7.2(> ; T%'8E ;*B4.2%2(>J6*4*,8> (*=%;3%)%2(>2*40.'82?B 9; '*, (F 1(J2%6>7%'82*;7(*4A.2(JO.)%'*,-..

M?-6-*>(2I(6/J/g h\$(\$ /:::@;=\$6;g h\$(8(+'-=-J\$-\$ - H7* 34*T%;; 7.-*F *4A.2(J.T((74%2(4*, -(2. *;2*, % (J=(4.7%'82*A* (;74*A* 2.34., '%22*A* 3*6B*6. - *7=*49 ((3*'8J*, .2(E ;3%T(. '82?B 3%6.A*A()%;-(B ;4%6;7,, -*7*4.> 3*J,*'>%7 2% 7*'8-* ;*B4.2>78, 2* (2.-.3'(, .78 4%J9'87(49ED(F HSS%-7 3%6.A*A()%;-(B ,*J6%F;7, (F, .7.-1% 9)(7?, .78 3%4,3%-7(,2?% J.6.)(S(J())%;-*A* ,*;3(7.2(> ;3*47(,2*F 3*6A*7*, -.

M?-6-*>(:-66\$J\$6;g h\$(8(+'-=-J\$-\$ - H7* 7.->*4A.2(J.T(>3%6.A*A()%;-*A* 34*T%;;.., -*7*4.> *;2*, ?, .%7;>2. , ?=4% (4%. '(J.T((7.- (B (27%2(;, 2*;7%F, *=U%0*, (2.34., '%22*;7%F 3%6.A*A(-)%;-(B ,*J6%F;7, (F, -*7*4%? >, '>E7;> .6%-., .72?0(7%-9D%09 ;*;7*>2(E -(2%7(- (7%. (2.34., -'1%2? 2. (;34., '%2(% (0%ED(B;>*7-'*2%2(F, ;*;7*>2((J6*4*,8>)%'*,-..

M?-6-*>(K-6@\$6;g h\$(8(+'-=-J\$-\$ - H7* 7.- (% ;3*;*=? *4A.2(J.T((3%6.A*A()%;-*A* 34*T%;;.., -*7*4%? 3*J,*'>E7; S*40(4*, .78 1(J2%22*, .12?%6,(A.7%'82?% S92-T(((*=%; '*, '%22?% (0(S(J())%;-(% - .)%;7, .)%'*,-.. ;3%T(. '82?% 7%*4%7()%;-(% J2.2(>, 2.34., (78 (B 2. 3*, ?@2(% 94*, 2>S(J())%;-*A* ;*;7*>2(> (*=%;3%)%2(% 2*40.'82?B 9; '*, (F 1(J2%6>7%'82*;7(*4A.2(JO.J.2(0.ED(B,>.

I '8('2\$*'/I *4A.2(J.T(>934., '%2(>74%2(4*,*)2?0 34*T%;;*0 c B.4.-7%4(J9%7;>, ?;*-F HSS%-7(,2*;78E, %% 4%J9'87.7? 6*;7(A.E7;> J.);%7 3*, ?@2(> (9'9)@2(>) - .)%;7,%22?B 3*-..J.-7%'F, .2% J.);%7 9, %'()2(> J.74.7 (3*74%'2(> J2.) (7%'82?B 4%;94;*.,

G\$'(#\$8(6/4\$1 - *62*(J 2.34., '%2(F 34(-'.62*F -(2%J(*'*A((, , *;2*, % -*7*4*A* '%1(7 ;3%T(S())%;-(F 0%7*6 2.34., '%22*A* 4%9'(4*, .2(>A4., (7.T(*22?B ,J.(0*6%F;7, (F *4A.2(JO.)%'*,-.. (;4%6?, T%'8E -*7*4*A* >, '>7;> 34*S('-.7(-. ('%)%2(% J.=*'%, .2(F, .7.-1% 4%.==('-7.T(>,4%022* 974.)%22?B ;,*F;7, 4.J'()2?B S92-T(F, ;4%6;7,.0(;'91.72%34*(J,*'82?%6,(1%-2(>(3.;(,2.> -(2%J(7%4.3(>) (6,(A.7%'82?% 6%F;7, (> (34*(J,*'82?% 6,(1%2(>), S(J())%;-(% 934.12%2(>(.7(-,2.> -(2%J(7%4.3(>.

G-66(:L\$1 J6/*\$8/L\$- ''U+ #/\$@-?(C28*\$C 8(=/ &(-*(:/ - H7* ;3*;*= 34(,%6%2(>0.;;? %A* 7%'. (0.;;,*76%'82?B *72*; (7%'82*3*6,(12?B %A* J,%28%, , 7.-*%;72*%@2(%,-*7*4%*=%;-3%) (.)%*=? J.6.22*% (B ,J.(0*6%F;7,(%; T%'8E HSS%-7(,2*A* 4%@2(>-*2-4%72?B 6,(A.7%'82?B J.6.).**

G-66\$J\$6;g h/I J\$@'/28\$/ - H7* ;(7%0. (J=(4.7%'82* 2.34., '%22?B S(J())%;-(B 934.12%-2(F, 3*J,*'>ED(B -*44(A(4*, .78 S92-T(*2.'82?% (0*4S*'*A()%;-(% 2.49@2(>6,(A.7%'82*A* .33.4.7., A%*0%74((0.;; 7%'.)%'*,-.. , , 3*2>0?B 34(;74*A*F 4%A'. 0%27.T((A4., (7.T(*22?B ,J.(0*6%F;7, (F *4A.2(JO., ; 9)%7*0 (26,(,69.'82?B =(*0%B.2()%;- (B *;*=%22*;7%F 0*7*4(- J.2(0.ED(B,>, .7.-1% ;3%T(S(- (B .6.37.T(*22?B 3%4%;74%-.

| (8-?\$/:/ *B,.7?, .%7 -*2-4%72?% 34(%0? (;3*;*=?, . 'A*4(70? (' (34., ('., ?3*'2%2(>*34%-6%'22?B, 3*; '%6*, .7%'82?B ;3%T(. '82*-2.34., '%22?B 6%F;7, (F, 3*J,*'>ED(B 4%@ (78 (; '%6*, .-7%'8; -9E J.6.).9.

| -?;=> - *72*; (7%'82* ;.0*;7*>7%'82?F H%'0%27 -. -*F-'(= *7%2*B*'*A((, ;(7%0?, 2%*=B*6(0 ?F 6'>34(,%6%2(>, A.40*2()2%* ;*7,%7;7,(%4.J0%4*, (;9D2*;7(T%'*A* (%A*);7%F.

i 6'\$L\$4 - (;B*62%* 3*'*1%2(% (34., (*), *34%6%'>ED% (4%A'. 0%27(49ED% 6%>7%'82*;73%6.A*A. (9)%2(-. , ;*7,%7;7, ((; T%'>0(S(J())%;-*A* ,*;3(7.2(>, J.-*2*0%42*;7>0(4.J,(7(>*4A.2(JO.)%'*,-.. (9; '*, (>0(%A*, J.(0*6%F;7, (> ; *-491.ED%F ;4%6%F.

i 6-K\$=/:8\$/: /'6;H(''\$C J(-@(\$8\$\$ @/22 8(=/ &(-*(:/ - H7* 7.-> 7%2*B*'*A(>3%6.A*A(-)%;-*A* 34*T%;;.., -*7*4.> *;2*, ?, .%7;>2. 3*;74%2((HSS%-7(,2?B 34*A2*;7(%);-(B =(*0%B.2(-)%;-(B 0*6%'F 34*;74.2;7,%22*F *4A.2(J.T((7%'.)%'*,-.. *72*; (7%'82* ;*0.7()%;-*F ;(7%0? -*46(2.7, 2.34., '%22.>2. ;*, %4@%2;7, *, .2(%A* 6,(A.7%'82*F S92-T((

b \$28(@/ K\$#\$(2:-J- *-24\$8/'\$1 4.;;0.74(,.%7;> -.- *62. (J ,.12%F@(B).;%F ;%T(. '82*F, *=D%;7,%22*F (A*:96.4;7,%22*F ;(;7%0 ? ,*;3(7.2(>, 3*J,*'>ED.> -.16*09)%'*,-9 9-4%3>'78 J6*4*,8%,HSS%-7(,2*4.J,(.78(;*,%4@%2;7,*.,786,(A.7%'82?%,*J0*12*;7(, *4A.2(-)%;-*0 6%2(7,%;* ,%;0(649A(0(90;7,%22?0(, 24.,;7,%22?0((H;7%7()%;-(0(-*03*2%27.0(;, *%F '()2*;7(.

b4-68 - *62. (J 2.(=*'%% .-7(,2?B S*40 34*>, '%2(>S(J())%;-*F -9'8794?, 1(J2(*=D%;7,.. B.4.-7%4(J9ED.>>;, 34%16% ,;%A*, ;*4%,2*, .7%'82*F 6%>7%'82*;78E, , -*7*4*F *34%6%'%22?0 *-4.J*0 *T%2(, .E7;> (;*3*;7., 'E7;>4%J9'87.7? 34*T%;;. S(J())%;-*A*, *;3(7.2(> -.- *76%'82?B (26(, (6990*, 7.- (T%?'B -*'%'-%7(, *..

b4-68\$*-'2-6(*'-*/'\$(- H7* *62. (J 2.(=*'%% HSS%-7(,2?B S*40 J.2>7(F S(J())%;-(0(934.12%2(>0(, *7'().ED.>>; (;-9;7,%22* *4A.2(J*,.22?0(4%A'.0%27(4*,.22?0 *34%6%'%22?0(34.,(.'0(;*3*42()%7,*0 S(J-9'87942(-*, (;3*47;0%2*, , 4.0-.B %6(2*A* (T%*;72*A* 3%6.A*A()%;-*A* 34*T%;;. S(J())%;-*A*, *;3(7.2(>, 2.34., '%22.>2. .-7(,(J.T(E 0?; '(7%'82*F (6,(A.7%'82*F 6%>7%'82*;7(; T%'8E ;*,%4@%2;7,*.,2(>(B 6,(A.7%'82*F S92-T(((9-4%3%'2(>J6*4*,8).

b-6(*'-*/'1 ?(I8(=>'-28> - H7* 6(2.0()%;-> ;(7%0. ;3%T(S())%;-*4A.2(J*,.22?B , -16*0 ,(6%;3*47. 6,(A.7%'82?B 6%F;7,(F, *4%27(4*,.22?B 2. 4%@%2(% 7%6,(A.7%'82?B J.6.), -*7*4% 34%63(,2? (4%A'.0%27(4*,.2? 9; *.,(>0((34.,(.'0(;*4%,2*,.2(F.

b4(L\$/=>'U(;46/T ('\$1 34%6;7., 'E7 ;-*F 7.-9E ;(7%09 0*6%'%F 6,(A.7%'82?B 6%F;7,(F, -*7*4.> , 3*'2*F 0%4%;*B4.2>%7 A*0*0*4S2?% ((J*0*4S2?% *72*%2(> ; =(*0% B.2()%;-*F A4.,(-7.T(*22*F ;749-794*F ;*4%,2*, .7%'82?B 934.12%2(F. !*-J.7%'8;7,*0 .6%-, .72*;7(H7(B 0*6%'%F T%'>0 (J.6.).0 ;3%T(. '82*F 3*6A*7*, -(0*1%7 ;'91(78 7*'8-* ;*7%,7;7,(% 0*6%'(49%0?B (0(6,(A.7%'82?B 6%F;7,(F *=U%-7(,2*9;7.2*, '%22?0 -4(7%4(>0 3*6*=(> ;7%0(('(2?0(-*03*2%2-7.0(;*4%,2*, .7%'82*F 6%>7%'82*;7(.

b4-68\$*-'UC 6(#;=>8/8 (4%J9'87.7 ;*4%,2*,.2(F) - H7* 7.-*% 34*>, '%2(% 6,(A.7%'82*F S92--T((;3*47;0%2*, , 9; *.,(>B (26(, (69.'82*A* ('-7(,2*A* ;*3*42()%7,., 4%A'.0%27(4*,.2-2*A*, (J0%4>%0*A* (*T%2(, .%0*A* , ;*7%,7;7,((; 34.,(.'0(;*4%,2*,.2(F, -*7*4% *7'().%7;> ;3%T(S())%;-(0(6'> -16*A* ,(6. ;3*47. =(*0% B.2()%;-0(B.4.-7%4(7(-0(6,(A.7%'82?B 6%F;7,(F (*;*=%22*;7>0(;3*;*=-, 4%@%2(>6,(A.7%'82?B J.6.).

b 86;:8;6/2-6(*'-*/'8(=>'-C ?(I8(=>'-28\$ - H7* J.-*2 (27%A4.T((H%'0%27*, ;*4%,2*, .7%'8-2*F 6%>7%'82*;7(, -*7*4% 0*A97=?78 34%6;7., '%2? , ,(6%;(7%0? 02*A*94*,2%,?B 0*2*T%'%,?B 0*6%'%F, *=U%-7(,2* *74.1.ED(B (%4.4B()%;-0% ;,>J(3;(B*'*A()%;-B, =(*0% B.2()%;-B, S92--T(*2.'82*-0*4S*'*A()%;-B (649A(B -*03*2%27*, 0*7*4(-, *=-;3%) (, .ED(B 9;3%@2%* 4%@%2(% *;2*,2?B 6,(A.7%'82?B J.6.).

d(+'-=-J\$1 - H7* ;(7%0. =(*'*A()%;-B, 0%6(T(2;-(B, 7%2B()%;-B, 3%6.A*A()%;-B (649A(B ;3*;*=-, (;4%6;7, (J0%2%2(> ;*7*2>2(> 6,(A.7%'82*F S92-T(((;,*F;7, *4A.2(J0.)%'*,-., 34*T%;%; J.2>7(F S(J())%;-(0(934.12%2(>0(, *2*,.22.>2. J2.2(>B * 0%7*6.B (34(%0.B *;9D%;7., '%2(> -*44%-T(*22*-34*S('-.7()%;-B, -(2%J(7%4.3%,7()%;-B, , *;3(7.7%'82*-*4.J*,.7%'82?B (4%-4%.T(*22?B 0%4*34(>7(F.

d6('/T(6U - H7* 9;74*F;7,.. ('(34(;3*;*='%2(>, 34(3*0*D(-*7*4?B 0*6%'(49E7;>, 34*T%;%; 74%2(4*, -(7% ('(2%9; *.,(>=969D%F 4%. '82*F 6%>7%'82*;7(*9).%0?B (2.34(0%4 ;*4%,2*, .7%'82?% 9; *.,(> , ?3*2%2(> ;3*47(,2?B 934.12%2(F. J2(3*J,*'>E7 2.34., '%22* 34%*4.J*, ?, .78 H2%4A(E ,2%@2%F;4%6? 7.-(0 *4.J0,)7*=? *2. 34(*=4%7. . 2%*=B*6(09E 6'>97('J.T((*4A.2(J0*0 3*'*J29E S*409. [4%2.1%4? -' .; (S(T(49E7;> по назначению (9;74*F;7., 34(0%2>0?% ; T%'8E 4.J, (7(> *34%6%'22?B 6,(A.7%'82?B ;3*;*2*;7%F, 7%2B()%;-0% ;4%6;7., (;3*8J90?% ; T%'8E 4.J, (7(> 6,(A.7%'82?B -.)%;7, (;(*, ?B, *J0*12*;7%F *76%'82?B 0?@%)2?B A4933); 9;74*F;7., 34%62.J2.)22?% 6'> 934., '%2(> 34*T%;*0 S*40(4*,.2(> ;3%T(. '82?B 6,(A.7%'82?B 2., ?-*,), по направленности (2. *;,*2(% A*0%74((6,(1%2(F, =(*-(2%0.7()%;-*F ('(=(*6(2.0()%;-*F ;749-794? 6,(1%2(F; по области моделирования, (;3*8J*,.2(%0 0% B.2(-)%;-B S.-7*4*, (4.J'()2?B 9; *.,(F A4.,(7.T(*22?B ,J.(0*6%F;7,(F 7%'.)%'*,-.), (2S*40.-T(*22?B S.-7*4*, (*A()%;-B ;B%0); по характеру информационного обмена (; 69= '(4*,.2(%0 *4.72*F ;,>J(, =%J 69= '(4*,.2(> *4.72*F ;,>J(, (;3*8J*,.2(%0 J,9-* ,?B, ;'9B*, ?B (649A(B -.2. '*; ;,>J(.

\$##&(2:/1 :;=>8;6/-.) ;78 *=D%)%'*,%());-*F -9'8794?, ,.12%F@(0(T%22*;7>0(-*7*4*F >,'>E7;>J6*4*,8%,S(J())%;-*% (69B*,2%*;*%,%4@%2;7,*()2*;7(.

\$##&(2:-(- *-24\$8 /'\$(- ;3%T(. '82* *4A.2(J*,.22?F .-7(,2?F 3*J2., .7%'82?F 34*T%;;; B.4.-7%4(J9ED(F;> 6,9;7*4*22%F ,J.(0*;,>J.22*F 6%>7%'82*;78E 3%6.A*A. (J.2(0. ED%A*; > 3%4%6.)% (9;,*%2(E -*03'%-; J2.2(F, 6,(A.7%'82?B 2., ?-*), (90%2(F, 2.34., '%22?F 2.

9-4%3 '%2(% J6*4*,8>)%'*,%-., 3*6A*7*, -9 %A* - 74969, 34*S%;;(*2. '82*F 6%>7%'82*;7(, 2%4.J4?,-2*F % ;,>J(; 24.,;7,%22?0(, 0*4.'82*-H7()%;-(0((;*T(. '82*-3.74(*7()%;-)(0(9;74%0'%2(>0*=D%;7,. A*:96.4;7,..

f:28('2\$' /I *4A.2(J.T(>934., '%2(>74%2(4*,*)2?0 34*T%;;*0 ;,>J.22. ; 9,%'()%2(%0 %A*-*'()%;7,%22?B (J.74.72?B, 4%;94;2?B), 2.34(0%4 ,4%0%22?B, H2%4A%7()%;-(B, 0.7%4(. '82?B, . 2%-.)%;7,%22?B (HSS%-7(,2?B) 3*- .J.7%'%F (4%J9'87.7*,.*

. #* 02*A(B ;74.2.B 0(4., ,-'E).> (-4.(29, 9)%2(% * 6,(1%2((7%).)%'*,%-., 2.;7*>D%% ,4%0> 4.J,(..%7;> 3.4. ''%'82* ; =(*0%B.2(-*F. 12*A(% ;*,4%0%22?% ;3%T(.)('7;?34*,*6>7 ;,*((();;%6*,.2(>2. ;7?-%.2.7*0(((=(*0%B.2(-, ;74*A* 2% 4.J6%'>>H7(6,% 2.9-.

*]T%2(,.->3%4;3%-7(, ? 4.J,(7(>- (2%7(-, -4.(2%, ;'69%7 *70%7(78 ,?4. 1%22?% 7%26%2T((-4.;@)(4%2(E A%*A4.S((4.;34*;74.2%2(> T%274*, ;3%T(. '82?B (();;%6*,.2(F , H7*F *='.;7(, ,).;72*;7(, O9T-%, R%42(A*,%, !2%34*3%74*,;-% (649A(B A*4*6.B ;74.2?.*

D\$8(6/8;6/

1. ".@9=. #. K. g(*0%B.2(-. *;2-(- / ".@9=. #. K. - "(%, : M.9). 0(4, 2002. – 278 ;.
2. O.397(2 K. M. G4.,(7.T(*22.>74%2(4*,- / O.397(2 K. M. – "(%, : d2.22>, 1999. – 315 ;.
3. O.397(2 K. M. h*40(4*,.2(% 0.;;? (6(2.0(-. A4.,(7.T(*22?B ,J.(0*6%F;7, (F 7%'.)%'*,%-., *27*-A%2%J% / K. M. O.397(2, #. K. ".@9=.. – "(%, : d2.22>, 1999. – 202 ;.

A ' '-8 /L\$\$

В статье представлен ретроспективный анализ формирования кинетики тела человека как системы знаний о двигательной функции тела человека. Авторы предлагают понятийный аппарат, который характеризует двигательную функцию человека.

*G=g &(*U(2=-*/: кинетика тела человека, двигательная функция.*

A '/8 -!=C D/4;8!' E!8 /!=C G/H;I/. G!'(8\$/ / 8!=/ =g ?\$'\$. У статті представлена ретроспективний аналіз формування кінетики тіла людини як системи знань про рухову функцію тіла людини. Автори пропонують понятійний апарат, який характеризує рухову функцію людини.

G=g &-! 2=-*/: кінетика тіла людини, рухова функція.*

Anatoliy Laputin, Vitaliy K/shub/. Kinetics of Body of Man. This article presents the retrospective analysis of human body kinetics development as the system of knowledge about the human body motor function. Authors propose the conceptual apparatus which characterizes the human motor function.

Key words: human body kinetics, motor function.