

Арқасүйер күш – орташа тап

L% m\_e kZ aZ kgZg `Z Z h Zf^ju euk jm Z`Z Z  
wdhghfbdZ ZlugZklZj hjgZlm jZZj ugZ ^Z f.g ue[re^u  
h Zf^Z u `Z-ZZlmjlm ikZlug^Z u[ueuklZj^u Zg^Zc  
[heku ueufb `Z ugZgjuf^Ze, Zg e. [j [Z ^Zjkua f f  
\_f\_k ; a^ l gZjwdhghfbdZ Z [Zjm^Z % [^] l . dl\_lid . e . d  
. e ]\_j . e \_c ZefZc `Zlmufua^u [j lb^ [y] eu^Z ZfZju k Z  
rujZi hluj Zg^u ug^Z ^Z [hekZ dZj^Zju:k elZg Zeui ru  
d r [Zj fZ [Zjh [eZ] dZf^\_j"

F g^Zc l\_hjbyeu f%k\_e\_e\_j 'ld\_g `ue^u d a.  
kZykZl `g.g e\_l]u d \_kl. ZZmugZkugue ZgZaZklZg  
ZaZfZllZjugu Z `Z %e\_m-fw dlh ghfbdZeu - e . ug\_a  
dhg p ipbykugu `h [Zkug^Z ] `] c e c ZclueZe^u \_ [; dl .  
ZlhjeZjZ ZaZ klZ\_gkim [ekud Zllu : dZ^\_fbg kuij \_ab^\_gl .  
ZdZ^\_fbd D\_g ` \_ ZebK\$Z Zg^b \_ [ZklZ Zg Zeuf^Zj lh[  
; ] . g ] . d g . 'li\_e [Z\_kaugZg d\_r . i hluj Zg DZaZ k  
wdhghfbdZeu h Zf^u jueuf Z 'lm [Zjukug^Z u  
fZ kZlu - Z . j g % j k \_ ] \_ l . j \_ e . m . % e . m f \_ ll . d f % k ue\_lu y g l  
% Z mdZlug lb . kl . ^ % j \_ ` \_ ^ \_ ZflZfZkua \_lm  
; Zg ZeZc he ` \_ld . a % k . a e " Frlgug^Z

WdhghfbdZgujlnZ Z d\_ld\_g Ze Zr ubugureueZj ^Z  
Zl\_e . dd \_ ^ \_ e^ueu: r h u l r u l Z j e u Z c % b ` \_ e \_ j ] \_ ` \_ l \_ Z e f Z ^  
Rug % g ^ [ e d \_ a \_ [ Z c Z i u k d u j m ^ Z Z m % j \_ d \_ ll \_ j  
ZjgZeZ^u WdhghfbdZgu `Z ujlm^u uk Z ` % g \_  
[Z ^ZjeZfZeZjug `ZkZmfug % Z cd Z e h e m ^ Z f u a ; j Z  
[Z ^ZjeZfZeZj [ . a ^ Z c d u f u a Z k Z c f r Z \_ l ; e h ^ \_ \_ e . d l \_ n  
r \_ l \_ e ^ g Z j u e ] . k . g . j m ] d ' ^ \_ ] r b Z j e u [ Z k u f : e h g u Z  
g \_ [ h e Z l u g u l [ . g ^ \_ l . i l . d \_ j . g % l b l u j m j f d . Z ^ Z ] u i  
\_ k d \_ j . e f \_ c ` Z l Z ^ u

Za . j ] . mZ uh Zf^Z ZaZ klZggu [ j ] ^ . g k ] m j ^ Z Z e f m  
lheu l k . g . d [ \_ j \_ ZeZlug^Zc [ \_ e ] . e . [ . j l Z [ Z u ^ Z j  
[ Z c Z e u i h l j uk Z ` % a g Z \_ f \_ j a . f ^ . [ Z — e Z f Z e e Z k Z i

i\_" \$c\_k\_ FZjd L\Zg^Zcl Zc^Z [ZjZg[ZefZgl•g Z^Zf  
Zc^Z d\_e]\_g•g l k•g[\_c ^Ze [heZ^u hc  
>% [ ]•g]• d g• [•a [ZlukkluwghZgbfugdZek]\_ lb\_d \_l\_  
[\_jf\_c 'li\_e• d\_a\_ l•gb•Z^\_lwdhghfbdZ lmjZeu k'a  
'g GZju Z [ZjZ•li\_



lZ[ugZeuilZklujm :eZc^Z %Ze kllZggZ he^ZjugZ  
hjg`bgZZ Zg f\_gr•d b\_e\_!k•ifd\_gjedj \_j\_dr\_e•i•d  
oZeu lu [Zk Z lhilZju d\_^\_ce^gj]^•gZ fm c`lmg ZclZeZm  
Zmi• [Zj

OZetu [ZceZj f\_g d\_^\_ce\_j]\_ `•dl\_em• h Zf^u  
lb]•a[\_c hcfZc^u %k•jlike• [d\_a\_ r•g Zm•il•  
HjlZrZeZj lZ[uguZf^uh jueufugu [•j we\_f\_gl• j\_  
ZøilZkmu d\_r•dl•j•ef\_]\_g•ld`gg -[&jjg\_ Zf-Z Zjku  
d'a ZjZklZ u d•rZjZkg`fkZjlmru [•j]^•jgZjZeu lZi hku  
hjlZrZeZj [heui lZ[ueZ^u ^ZaZkkuZg^Z Z k%cd\_k c  
`ZmZid\_jr•e•dl•ZeZUgZjZrZ lZi `h ^\_k\_ [he ZgZg c  
`j]•a•e•i `g'laZ\_j•kl\_j^• ` \_f•kl• ZflZmZukua \_l\_ ZeZlu  
'li\_e• d\_a\_ gjeufg\_uk Z f\_ja•f^lZeZyu gZ\_j \_l\_l•g^\_c  
h Zf^u l%jl•i i\_g Zmua[•je•dd\_ rZ ujZ ZeZlug^Zc  
Z\_ll•]• Zc ug ;•e•f ^\_ [•e•dl• hjlZrZeZjZfZ Zj u gZ  
h Zf^Z `j•i ZgZlgZjw ZulgZklZj^u ^\_fhdjZlbyeu k  
'j•k Zuegn%g\_ heZj^u d\_j• [ZkiZmug ZflZfZkua \_l\_  
wdhghfbdZeu 'a]\_j•kl\_ [ZokZufud•e]•g\_ Zmujlizeu l k  
hjlZrZ lZilu Zeu gZZk m ll• ZeZjllZj^u l\_`\_i hluj :  
wdhghfbdZeujl`zeZj^%l je• Zki\_dl•^\_]• f%kkZ\_ez\_j•  
ZeZ liZZjmu r•g [Zklu [Z^Zj^u y gb 'a]\_j•kl\_j^• %  
ZaZ klZg^hjlZrZ lZilu ZeuilZklujm^u fZ kZl \_l\_ h  
`ZkZ Zgufua `g

HjlZrZj lZ[ugu ZeuilZkui [hefZmugZg [•a^• h  
[•j•g\_ ZjZfZku [Z ullZ u Zdkjd'kfb f\_fe\_d\_l b\_e•]•g  
`%g\_ `rd\_e\_g^•jm^ellu [Z^ZjeZfZkug^Z `ZjbygZg  
[\_cj\_kfb olZeu d'a ZjZk [hc d'jkj•lgn^k•g•ujlufu  
[hcugrZ glZju 'a]\_j•kl\_j^• Zcld\_g^\_ ^\_ ZflZfZku  
%e\_mf\_ll•d g\_]•a j\_l•g^\_ Zm ZililZkZujmZ[wgg\_ Zeu  
`\_^e^\_lm d\_j\_d gree\_jd'd'aZjZku [hcugrZZjZg Zfug  
`\_cl•g iZl\_jgZebkl•d hlZmZ`j•g kZ

GZjulu 'a]\_j•kl\_j^• •kd\_ Zkujm r•g Z`\_ll• ZjZeu  
lZ^Zm [Ze]•lm Zg `Z^Zc^ZjlmZeZj^u wdhghfbdZeu  
kZykb `Z ugZg lb•f^•e•]ugg•k`bduglZe Zg?↑jjZk`u  
hjugu ZmdZllueZj heuZgeZu`bwgZghghfbZfZng u^\_^]\_c•g  
ljZlu lj^\_ 'k•j•i hlujkZ h^Zg h ZfgulZl%g]Z•g [hre\_kkZ  
hg^Z Zg Zjkueu `ZkZm^u ^\_ [hefZk \_^• :eZc^Z  
l%•jb[\_ d'jk\_l•i hluj Zgug^Zc \_ h lZucdZ ^ZdZg `h  
'a•g^\_ wdhghfbdZgu fbfunjl ^j^]\_c^Z\_g %[ ^\_Zgf\_a  
oZeu 'a•gZmZ%uegu `Z kZjmug ru^Zf^u u gZ^\_ cZguj  
dl•i hlujZ [\_j\_l•g•g\_ \_r ]d\_i]leefZcjmu kZg^u e  
`Z^Zc^ue^hjfZk r•g luf^ulb•f^• kZlyklZrZeZj lZ[ugu  
Zfug hceZumiZheZ^u

;•a ^ZcuZgZ`ZIZ ueuf [•e•f [\_jm kZeZkugZ  
['e•g\_ ^•a^\_]• [•e•f [\_jm `c\_k• ^%ge^ZZeu jllZkueid\_e.

`ZlZg gZju \_j\_dr\_e•dl\_j•g\_ kZc ^\_m]\_ [hefZc^u ;  
hjlZrZ f•lg^[le•f [\_jm^\_g [ZklZi l k l]j^•e•Z`a]l\_j•l\_`  
ZaZ klZgg[heZrZ u \_e^ufZ\_g hku [•e•f [\_jmg^\_`c\_`  
ZeuilZkZIZ ^Zc Z fZfZlg dZjZme^•  
Dhgp\_ipby^Z khguf\_g ZlZju `Z^Zujem eZg^]•a•g  
lZe^Zm f%k\_e\_k•g\_ ^\_ fZ ua [\_j•e]\_g F gu 'a•g  
GZulu %l•il• aZklujm h Zf^Zud l%j•il• gu ZclZ  
AZ^Zklujue Zg g\_]•a^\_]• %l•id\_e• lfk•a^•]•u lu  
`hekua^u lZjuZ^u Za•j]• mZ ulIZ [•a]\_ DZaZ klZ  
^Zfmg Zc ug^Zi [\_j\_ ZeZlug ukZZ f%jg•f^• j]n u  
rZjZeZjug [•j `c\_]\_ d\_el•jm]\_ f fd•g^•Zlu[\_j\_`  
hceZklujue l\_hjbyeugZg\_j\_ g\_a^\_e]\_g kljZZ`lby  
;Zjeu `c\_e\_j d\_r\_g^• l j^Z [%g[Z uZ e f u g Z k•g•d•l•  
^\_ `Z ug hjlZ lZZ kZk •kl\_m• d\_j\_d &g•e•f g^Zac\_`  
fZ kZlu dZaZ klZg^u hjlZ %Z e Z k u l Z d\_a\_g• 'a•g\_l%  
wdhghf u g Z ZeuilZklujm^u d'a•u i hZ [[heZ^u  
ZaZ klZggu kZykb k'g^•d]gg^\_hjlZrZ lZi ^uf]\_g  
`h Hku Zg [ZceZguklue jZjZl jZe^ZjZg^ug^Z ^Z  
ed\_g f•g^\_l hlej hjlZrZ lZuifug oZeu kZgZkugZ g\_`  
uf^u•lef\_g ld•a\_ hlujui [ueZkZfZllu h Zfjueuf  
j\_l•g^\_ [•j•]•i ZeuilZkmugZ `%j^\_f^\_km  
?e•f•a^\_ `j]•a•e•i `ZlZg `Z ZeuilZmeZd^a\_ • lZa  
f\_fe\_d•d kbiZll•Z `Zg^ulZg Z^Zf^Zj^u hku Zg [Zce  
ZeuilZkg f•g\_aug •%j\_d\_l•g [•j^\_g 'a]\_jlm ^\_ f f  
Khg^uZg h Zf^ukZhgZgu l [•j•f\_g 'a]\_ujlmZjlu Zel•g^\_`  
l [\_]\_ce• kZy k m f l d 'a]\_j•kl\_j^• [ZklZfZkujlZmZlZjZeu  
ZeuilZklujm ugea^\_kl•j]\_g `g D'i `Ze ^ZceZk[lZym  
mZullZh Zfug `•d\_em• Zg^Zc l jlu 'gZjy•kl\_j^• g\_ j  
l\_a %g\_ uk Z f\_ja•f^\_ 'ld•am r•g Zhm Zj u j n Z gZ j g u k e u  
%e^\_ dr'•e•dld' •e•ghguf^u eh\_g [•jlg^\_i ^Zfm `heuf\_g  
'l\_l•g]^g\_ [ZceZguklu• `Zj^Zc^Z hjlZrZ ZZeuilZklujm  
f e^\_f f fd•g [hefZc^u g\_ hgu ZeuilZkmu hgZIZ Zg  
d\_l\_^• gr?d`k^u klZgZlug [hekZ hjlZrZ lZi 'a•g [•  
'ag• kZykb•ggl\_a ZjZ^Z \_kl•jl\_ ^\_ ZeZl^uhk;ue[Z`uf l Z d  
`j]•a\_l•g kZykZluf\_g l•d\_e\_c [ZceZguklu [hefZ  
uk Zku \_]\_j ZaZ klZg ll•f^wdhgZj u b d Zku ^Zfu  
f%^\_gb\_l• ] e^\_g]\_g f\_fe\_d\_l [heuku de^ek\_g h  
hjlZrZeZj lZ[uzgeuZkmZ`\_l