


evsjvř`řki gmmRř`i Z_ " e"e`řcbv msřvřšřZ_ " QK

1.1 gmmR†`i bvg wKvbvt

gmiRt` i Qie	
we fV M	Xv Kv
tRj v	Uvs Mv Bj
Dc tRj v	ga g j
BDııqb/I qvW	ııgRııevoxN03
gmiRt` i bvg	fevbxıUKı mi Kvi cvov Rıtg gmiR`
Mııgi bvg	fevbxıUKı
tcvó tKvW	1997
cıZôvi Zwi L	ArıbgııbK 110 eQi ArııM

2.1 $gmwR\ddot{t}\dot{t}$ i AeKvVtgv I mneawt

$gmRt^i i AvqZb$	$18 * 10 = 180 eM\theta$
$gmRt^i i KvWtgv (KvW/cvKv)$	$cvKv$
$i\mu evti gnyj i Mo msL^v$	$56 Rb$
$\%e^wZK m\gamma av$	bvB
$cmb mieivn$	$uDeI tqj$
$M^vm mieivn$	bvB
$cvqLvbr I c\hat{m}tei e^e^v$	$Av\theta$
$eviv^vi AvqZb$	$\hat{N}^{18} I c\hat{\theta}^9 nvZ$

3.1 $gm_{\text{min}} R_f$ i $A_{em} \propto \frac{1}{A_{vgt}}$

gmiRt`i m`uWZi cwi gvb	12 Wt
PuV/AbYvb eve` gmiRt`i evW R Avq	7,000/=
AbYvb cUvbKvix ms`vi bvg I WKvbn	bnB
gmiRt`i m`uW E WK miKvix tiWRioKZ	bn
gmiRt`i cKt`i AvqZb	bnB
gmiRt`i e`q`i msL`v	5 W
miKvix μgcWAZ AbYvb	W Avi - 1.00 tgt Ub
Ni fvor eve` Avq	bnB
Ab`vb` Avq	bnB

4.1 gm_{Rf} i R_{bej}

$gm\ R\ddagger`i\ cwi\ Pij\ bv\ c\ell vmb$	$Av\#Q$
$gm\ R\ddagger`i\ Bgv\ g$	$Av\#Q$
$gm\ R\ddagger`i\ \text{ubqwgZ}\ Bgv\ g$	$Av\#Q$
$gm\ R\ddagger`i\ Lv\ddagger`q$	$Av\#Q$

5.1 gmiRt` i Rbejt

gmiRt` i ciVvMvi	bvB
`wqZc0B j vBtefxqvb	bvB
ciVvMvii aib	bvB
ciVvMvii tgvU c`K msL`v	bvB
ciVvMvii Avj gvi x msL`v	bvB
ciVvMvii gvimK c`K weZib msL`v	bvB
ciVvMvi wfiEK Abgvb ev`evqtbi eml K msL`v	bvB
ciVvMvii mvBb tevWfiwRt LvZv	bvB

5.2 gmiR` wfiEK Mbukqiv tK>`t

gmiR` wfiEK Mbukqiv tK>`t	bvB
tKt`i aib	bvB
tgvU ukqiv`PmsL`v	bvB
ukqtKi bvg	bvB
ukqvMZ thvM`Zv	bvB
c0kqb c0B	bvB
tRjvi bvg (th tRjvi `vqx evm>`v)	bvB
DctRjvi bvg (th DctRjvi `vqx evm>`v)	bvB
WvKni	bvB
M0tgi bvg(th M0tg tK>`Aew`Z)	bvB

5.3 Ab`vb` Abgvbt

gmiR` wfiEK Abgvbt bvg	AvtQ
eml K Abgvbt msL`v	1 wU

5.4 gmiR` msj M0Aveimb I Rbmavi tbi Z`t

gmiRt` i mvt_ m0u ³ emZNtii msL`v	150 Ni
evj K bi-bvixi msL`v	210-238 Rb
uki i msL`v (4N5 eq`li)	c0q 140-180 Rb
uki i msL`v (6N 18 eq`li)	AvbgmbK 140-170 Rb
GBPGmim/mggvb cvk ukwqZ tj vtKi msL`v	6 Rb
wvMx mggvb cvk ukwqZ tj vtKi msL`v	4 Rb
gv÷vm/mggvb cvk ukwqZ tj vtKi msL`v	2 Rb
gmiRt` i wBKUeZPukqiv c0Z0v tbi bvg	fevbxUKx w00gva`wgK we`ij q