

















quare function $n_m(x) = use appropriate # bits from$									
Identifier	Internal Representation								
x	八進位 x	八進位 x ²							
А	maillions all	1 1 1 1 1 1 1 1							
A1	134	20420							
A2	135	20711							
A3	136	21204							
A4	137	21501							
A9	144	23420							
В	2	4							
С	3	11							
G	7	61							
DMAX	4150130	21526443617100							
DMAX1	415013034	5264473522151420							
AMAX	1150130	135423617100							
AMAX1	115013034	3454246522151420							























	S	88-10-				17 M P.		
Hash Func	tion							
 division i 	s gener	ally su	nerior	to the c	other ty	nes		
	s gener	ung su	perior	to the t	, chief ey	pes		
Collision n	andlir	ıg						
– Chaining	outper	forms	linear	openin	g addro	essing		
<u>n</u>	<u>n</u> 0.50		0.75				0.04	
a = b	. 0.	50	0.	/5	0.9	90	0.	.95
	<u> </u>	0	Chain	Open	Chain	Open	Chain	Open
Hash Function	Chain	Open	Chain		1	o pom		- F
Hash Function mid square	Chain 1.26	1.73	1.40	9.75	1.45	37.14	1.47	37.53
Hash Function mid square division	1.26 1.19	1.73 4.52	1.40 1.31	9.75 7.20	1.45 1.38	37.14 22.42	1.47 1.41	37.53 25.79
Hash Function mid square division shift fold	1.26 1.19 1.33	1.73 4.52 21.75	1.40 1.31 1.48	9.75 7.20 65.10	1.45 1.38 1.40	37.14 22.42 77.01	1.47 1.41 1.51	37.53 25.79 118.57
Hash Function mid square division shift fold bound fold	1.26 1.19 1.33 1.39	1.73 4.52 21.75 22.97	1.40 1.31 1.48 1.57	9.75 7.20 65.10 48.70	1.45 1.38 1.40 1.55	37.14 22.42 77.01 69.63	1.47 1.41 1.51 1.51	37.53 25.79 118.57 97.56
Hash Function mid square division shift fold bound fold digit analysis	Chain 1.26 1.19 1.33 1.39 1.35	1.73 4.52 21.75 22.97 4.55	1.40 1.31 1.48 1.57 1.49	9.75 7.20 65.10 48.70 30.62	1.45 1.38 1.40 1.55 1.52	37.14 22.42 77.01 69.63 89.20	1.47 1.41 1.51 1.51 1.52	37.53 25.79 118.57 97.56 125.59

