



63 b  
31 ( )  
= 1-5  
16  
3  
(3 ) b  
1 ( ) b  
(6 0-10 0 ) b



$s_1, s_2, \dots, s_k, \dots, s_{22}$   
 $b_1, b_2, \dots, b_{22}$   
 $s_1, s_2, \dots, s_{22}$   
 $> 1$   
 $2(), 2(), 2(), 3(), 3(), 4(), 4()$   
 $22$  ( $\sim 15$ )  
 $> 1$   
65-1000  
15- $\mu$   
20.1 240 - 347.7-1.160 T

13, 20,  $K, L, s_1, s_2, \dots, s_{22}$   
 $\sim 10$   $K = 10$   $L = 100$   
 $\sim 10^{-17}$   
 $(-1), (-1), (-1)$   
 $= -1/2$   $= 1/2$   
 $1(), 1(), 1()$   
 $\geq 0$   
 $> 1$   
24-27

