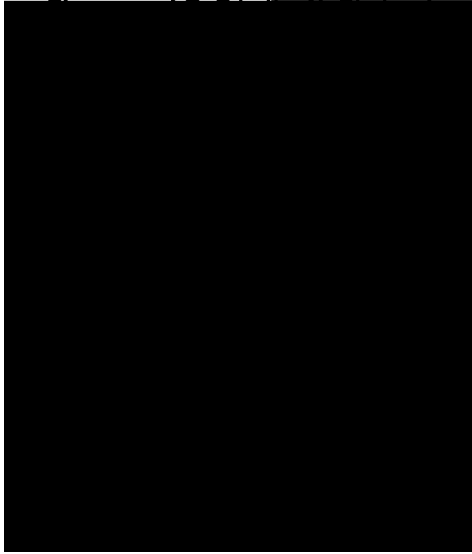


1. 223, 369 (2001)

2. 61.50.A ; 63.20. ; 64.60.

β 19
20
13, 15, 21, 22 A A 2
9, 10, 23 2

()
= [ξξ0]



3. ... 1

= 0 / ... 22, 29) ...

A A, ... A() ... (... 1) ... A() ... 2 ... A()

I ab e he β-S c e Γ- ... 30 32 ... 5 ... [00ξ] ... β ... Γ-

$[00\xi]$ $\xi \approx 0.5$
 (\dots)
 A
 5
 33
 34

$[00\xi]$
 β
 $A(\dots)$
 $[00\xi]$ 33 $[00\xi]$
 β
 4 $\xi = \frac{1}{2}$
 00 A 5

?

$$2), \quad \bar{5}, \quad \dots \quad (1 \ 7) \quad (1 \ 7)$$

$$\frac{10}{2} \quad \dots \quad \frac{7}{2} \quad \dots \quad \frac{38}{2} \quad \dots \quad (10)$$

$$(100) \quad \dots \quad (1-2) \quad \dots \quad (0.7) \quad \dots \quad 4$$

$$(001) \quad \dots \quad [001] \quad \dots \quad (1) = [((\dots)^2 + \frac{1}{4})^{1/2}]$$

$$(00\bar{1}) \quad \dots \quad (2) = [(\dots)^2 + \frac{1}{4}]^{1/2}$$

$$\frac{1}{5} \left(\frac{1}{7} \right)^2 \dots (1 \ 3)! \dots$$

- (1) $\dots (\frac{7}{4}) \dots = A_1(\frac{7}{2}) \dots 4 (10) \dots$
- (2) $\dots (\frac{18}{4}) \dots 8 ; 8 (471) \dots 16$
- (3) $\dots (\frac{3}{2}) \dots 2 ; 6 ; 8 (653) \dots 16$
- (4) $\dots (\frac{26}{2}) \dots 4 ; 4 ; 8 (317) \dots 16$
- (5) $\dots (\frac{11}{2}) \dots 2 ; 2 ; 4 ; 8 (417) \dots 16$
- (6) $\dots (\frac{8}{2}) \dots 2 ; 2 ; 2 ; 2 ; 8 (205) \dots 16$
- (1) $\dots (\frac{5}{2}) \dots = A_2(\frac{5}{2}) \dots$

2
 () $\dots (110) \dots$
 8) $\dots (110) \dots$
 $\dots \frac{1}{\sqrt{3}} \dots \frac{1}{\sqrt{2}} \dots$
 $\dots \frac{1}{\sqrt{3/6}} \dots [110], \dots$
 $\dots \neq \frac{1}{\sqrt{3}} \dots \delta \neq \sqrt{3}/6 \dots$
 $\dots 2 \dots 10 \dots 19 \dots$
 $\dots (\dots 7 \dots, 8) \dots$
 $\dots 10 \dots$
 $\dots 19 \dots 2 \dots$
 $\dots (\dots 1) \dots$
 $\dots 2 \dots 10 \dots A / 0 = 0.50, \dots$
 $\dots 10 \dots 2 \dots 29 \dots 19 \dots$
 $\dots A \dots 19 \dots$
 $\dots A / 0 = 0.42, \dots -73 \dots 10 \dots$
 $\dots -92 \dots 19 \dots 2 \dots$

