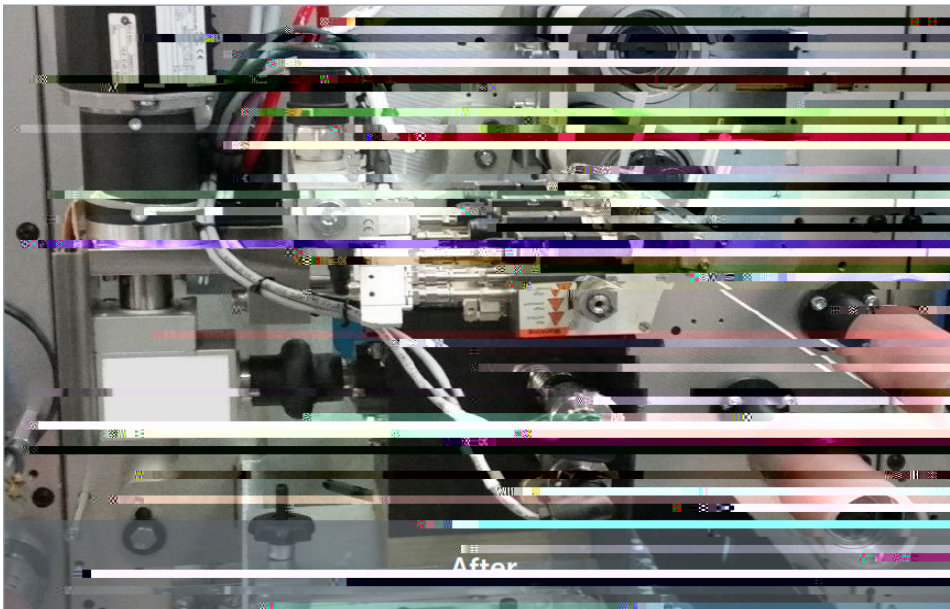


Bibliography



R **E** **PSA H** **G+** **M** **+**

A B B 1 , RFID , , , , f 1 T165/21 .

Table 1. *Estimated values of the parameters of the model of the T₁ relaxation time of the protons of the water molecules in the presence of the TIP*

T... f
A... f

S. *gambosensis* is a facultative anaerobe, growing in the presence of oxygen and in the absence of oxygen. The growth of *S. gambosensis* is inhibited by 10% NaCl. The optimum temperature for growth is 30°C. The optimum pH for growth is 7.0. The optimum salinity for growth is 0-10‰. The optimum carbon source for growth is glucose. The optimum nitrogen source for growth is yeast extract. The optimum carbon to nitrogen ratio for growth is 10:1. The optimum oxygen concentration for growth is 0-10%. The optimum light intensity for growth is 0-1000 lux. The optimum light wavelength for growth is 400-700 nm. The optimum light color for growth is white. The optimum light color temperature for growth is 2700K. The optimum light color rendering index for growth is 90. The optimum light color temperature for growth is 2700K. The optimum light color rendering index for growth is 90. The optimum light color temperature for growth is 2700K. The optimum light color rendering index for growth is 90.

TIP:

A

N

U

$$E_1 = \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

1 D

$$E = \frac{1}{2}mv^2 + \frac{1}{2}I\omega^2 + mgh$$

1D

E $\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 1 \end{pmatrix}$

1 D

$$R + \frac{1}{2} \rightarrow \frac{1}{2} R$$

2B. P . . . F S . E .

1S, M

15. E. The first two terms are 1 and 2 . The third term is $1 + 2 + 3 = 6$. The fourth term is $1 + 2 + 3 + 4 = 10$. The fifth term is $1 + 2 + 3 + 4 + 5 = 15$. The sixth term is $1 + 2 + 3 + 4 + 5 + 6 = 21$. The seventh term is $1 + 2 + 3 + 4 + 5 + 6 + 7 = 28$. The eighth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 = 36$. The ninth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = 45$. The tenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$. The eleventh term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 = 66$. The twelfth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 = 78$. The thirteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 = 91$. The fourteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 = 105$. The fifteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 = 120$. The sixteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 = 136$. The seventeenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 = 153$. The eighteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 = 171$. The nineteenth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 = 190$. The twentieth term is $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 + 20 = 210$. The sum of the first 20 terms is $1 + 2 + 6 + 10 + 15 + 21 + 28 + 36 + 45 + 55 + 66 + 78 + 91 + 105 + 120 + 136 + 153 + 171 + 190 + 210 = 1540$.

(A) $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ (A is the probability of a child being a carrier of the gene for sickle cell anemia.)