1)
$$D_{1}=\frac{1}{5}$$
 partes.
1) $S_{0}=\frac{1}{5}$ $S_{0}=\frac{1}{10}$ = $\left[\frac{4.47 \times 10^{-7}}{5}\right]$
2) $W_{1}=\frac{1}{5}$ $W_{1}=\frac{1}{5}$ = $\frac{1}{5}$ $W_{2}=\frac{1}{5}$ = $\frac{1}{5}$ $W_{2}=\frac{1}{5}$ = $\frac{1}{5}$ $W_{3}=\frac{1}{5}$ = $\frac{1}{5}$ $W_{4}=\frac{1}{5}$ $W_{5}=\frac{1}{5}$ $W_{5}=\frac{1}{$

$$\omega_{n}(x,t) = T(t) \chi_{n}(x)
\omega_{n+1} = -\omega_{n}^{2} T(t) \chi_{n}(x) \qquad \omega_{n+2} = \left(\frac{n\pi}{e}\right)^{2} T(t) \chi_{n}(x)
\sin \theta_{n} + \sin \theta_{n} = \cos \theta_{n}$$