Exercise 6-3
Tuesday, 5 May 2020 12:32

$$
\begin{aligned}
d S=\frac{d Q}{T}=\frac{C_{v} n d T}{T} & =1 . d f_{10} \sigma_{n} \frac{T^{2}}{\theta^{3}} d T \\
h=\frac{m}{M_{n}}=\frac{1 g}{12 g m d^{-1}}=\frac{1}{12} m d & =\frac{1}{12000} R_{m o l} \\
\Delta S & =\frac{1 . d d \times 10^{6}}{12000 \times 2230^{3}} \int_{4}^{300} T^{2} d T \\
& =\frac{1 . d d \times 10^{3}}{12 \times 2230^{3}}{ }^{\frac{1}{3}\left(300^{3}-43^{3}\right.} \\
& =0.127 \mathrm{Kk}^{-1}
\end{aligned}
$$

