

1 Solar System Dynamics

NOTE:

field: In: $R_{min} = \sqrt{\frac{2S}{\pi G \rho^2}}$, what is S ? Commaseparate the answer with its units. (using frac if necessary).

field: The internal strength of the material,

$$\frac{N}{m^2}$$

NOTE:

field: In: $T = \frac{1-A_B}{4\epsilon\sigma} \frac{F}{d^2}$, what is A_B ? Commaseparate the answer with its units. (using frac if necessary).

field: Bond Albedo,[-]

NOTE:

field: In: $T = \frac{1-A_B}{4\epsilon\sigma} \frac{F}{d^2}$, what is ϵ ? Commaseparate the answer with its units. (using frac if necessary).

field: emessivity of the body,[-]

NOTE:

field: In: $T = \frac{1-A_B}{4\epsilon\sigma} \frac{F}{d^2}$, what is F ? Commaseparate the answer with its units. (using frac if necessary).

field: Solar constant, equivalent of radiation,[-]

NOTE:

field: In: $T = \frac{1-A_B}{4\epsilon\sigma} \frac{F}{d^2}$, what is d ? Commaseparate the answer with its units. (using frac if necessary).

field: Distance between star and body,[AU]

NOTE:

field: In: $N_p(t) = e^{-\frac{t-t_0}{\tau_m}} N_p(t_0)$, what is N_p ? Commaseparate the answer with its units. (using frac if necessary).

field: The fraction of isotopes.

NOTE:

field: In: $N_p(t) = e^{-\frac{t-t_0}{\tau_m}} N_p(t_0)$, what is τ_m ? Commaseparate the answer with its units. (using frac if necessary).

field: The mean life time $t_{1/2} = \ln(2)\tau_m$ and $\lambda = \frac{1}{\tau_m}$