

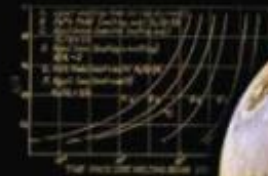
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PHYSICS OF THE SOLAR SYSTEM

Dynamics and Evolution, Space Physics,
and Spacetime Structure

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$$\begin{aligned} \alpha_1 &= 0.0013 \\ \alpha_2 &= 0.001 \\ \alpha_3 &\text{ not continuously observed} \end{aligned}$$

if these parameters represent
variations in the formation time
then $\Delta t = 20 \text{ to } 30 \text{ m.y.}$ α_1, α_2 = very
small α_3 in α_1
For $\Delta t = 20 \text{ m.y.}$ $\alpha_1 = 0.0013$ $\alpha_2 = 0.001$ $\alpha_3 = 0.001$
For $\Delta t = 30 \text{ m.y.}$ $\alpha_1 = 0.0013$ $\alpha_2 = 0.001$ $\alpha_3 = 0.001$
= 6.62 x 10⁻¹⁰ m.y.⁻¹



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