



درجہ

[illegible]

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2025 4



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4. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$ $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

4.1. $\frac{1}{x} = \frac{1}{\frac{1}{y}} = y$, $\frac{1}{\frac{1}{z}} = z$, $\frac{1}{\frac{1}{w}} = w$, $\frac{1}{\frac{1}{v}} = v$, $\frac{1}{\frac{1}{t}} = t$, $\frac{1}{\frac{1}{r}} = r$, $\frac{1}{\frac{1}{q}} = q$, $\frac{1}{\frac{1}{p}} = p$.

4.2. $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{d}{dt} \left(\frac{1}{2} m v^2 \right)$

[illegible]

4.4. $\mathcal{C}_{\text{Hilb}}^{\text{Hilb}}(\mathbb{A}^1, \mathbb{A}^1)$ is the space of Hilbert schemes of points in \mathbb{A}^1 . It is a smooth variety of dimension n . It is a natural generalization of the space of points in \mathbb{A}^1 .

[illegible]

4.6. د وږغونو نامتو زلمی شهباز لمریز "د زرګو زرګو".

[illegible]

19.01 ؤ سُرَسْرَمَءِ (11) رِسِرْ (12) زِ هُكْسَرِيْمَ "لَاؤُسُو" مَخْلَعُو "سُرَوَسُو" لَأَوْسُو رِسِرْ "لَاؤُسُو" زِ

(Handwritten signature)

(سرحد سر)