Lecture 2 Hands-On

$$\frac{1}{N(t)} = -\frac{7}{N(t)}$$

$$\frac{1}{N(t)} = -\frac{7}{M(t)}$$

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initial condition by

$$N(0) = \frac{\log \chi}{M}$$

$$V = \frac{\log \chi}{M}$$

$$\frac{\log \chi}{M} \exp\left(-\frac{\zeta_{1}}{M}\chi\right)$$

$$\left(\text{NH} \right) = 10 \frac{\alpha}{40} \exp\left(-\frac{4}{40}\right)$$

$$m\frac{dv(t)}{dt} = -\zeta v(t)$$

$$\frac{dv(t)}{dt} = -\frac{\zeta}{m}v(t)$$

$$\frac{\mathcal{N}(t+\Delta t)-\mathcal{N}(t)}{\Delta t}+\mathcal{O}(\Delta t)=-\frac{7}{m}\mathcal{N}(t)$$

$$\frac{1}{m} (x + \Delta x) = \frac{1}{m} (x + \Delta x) = \frac{1$$

短次元化9长以12

$$N \longrightarrow N_0 \hat{N} = \frac{\alpha}{t_0} \hat{N}$$
 (: $\alpha = N_0 t_0$)

となく

$$\frac{\alpha}{t_0} \widehat{\mathcal{N}} (\widehat{t} + \Delta \widehat{t}) = \left(\left(-\frac{\zeta}{M} \cdot t_0 \Delta \widehat{t} \right) \frac{\alpha}{t_0} \widehat{\mathcal{N}} (\widehat{t}) \right)$$

$$\widetilde{\mathcal{N}}(\widetilde{\mathcal{X}} \leftrightarrow \widetilde{\mathcal{X}}) = \left(1 - \frac{\zeta}{m} \star_0 \prec \widetilde{\mathcal{X}}\right) \widetilde{\mathcal{N}}(\widetilde{\mathcal{X}})$$

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定義打

たり教備計算する存在は

$$\mathcal{F}(\mathcal{F}) = (\mathcal{F}_{\Delta} + \mathcal{F}) = (\mathcal{F}_{\Delta} + \mathcal{F}) \mathcal{F}(\mathcal{F})$$

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$$\tilde{\mathcal{X}} = \frac{t_0}{\alpha} \mathcal{N} = \frac{m}{\alpha \zeta} \mathcal{N}$$

$$\tilde{\mathcal{X}} = \frac{1}{t_0} \dot{\mathcal{X}} = \frac{\kappa}{m} \dot{\mathcal{X}}$$

こすれまな、

南华村福

$$N(t) = \frac{[0a]}{m} exp(-\frac{7}{m}t)$$

$$\frac{\alpha}{t_0} \widetilde{N(t)} = \frac{\cos \lambda}{m} \exp\left(-\frac{\lambda}{m} \frac{m}{\tau} \tilde{\tau}\right)$$

$$\frac{\zeta}{m} \alpha \widehat{\mathcal{N}}(\widehat{x}) = \frac{10 \alpha \zeta}{m} \exp(-\widehat{x})$$

$$\widetilde{\mathcal{N}}(\widehat{\mathcal{X}}) = 10 \exp(-\widetilde{\mathcal{X}})$$