





8027





8022



8009

$f(x, y) \leq f(x) + \langle \nabla f(x), y \rangle + \frac{1}{2} h^T M h$
 $\geq -11 \quad \frac{1}{2} h^T G h$

$\langle \delta E_i^2 \rangle = \frac{t_p}{t_r} E^2 + \langle \delta E_{th}^2 \rangle = \frac{t_p}{t_{self}} E^2$
 ↑ tidal heating

$\frac{d\tilde{E}}{dt} = \frac{\partial \tilde{V}}{\partial t} + \int_0^{2\pi} \frac{\partial \tilde{V}}{\partial t} dt w_i$
 $\tilde{E} = h = \int_0^{2\pi} \frac{e^{i\omega t}}{1+e\cos t} \tilde{V} dt$
 $\int_0^{2\pi} \frac{e^{i\omega t}}{1+e\cos t} \tilde{V} dt$
 $\int_0^{2\pi} \frac{e^{i\omega t}}{1+e\cos t} \tilde{V} dt$
 $X = h(t)$

$\frac{1}{t_r} + \dots$
 $\frac{1}{t_r} + \dots$
 $\frac{1}{t_r} + \dots$

(SDMI)
 3v3
 $\uparrow = 3 \Rightarrow 1 \text{ step}$
 $\uparrow = 3 \Rightarrow 10k$
 $\uparrow = 3 \Rightarrow 3 \text{ steps}$
 $P_i = P(i \in \mathcal{S})$

$\max \left(\frac{1}{P_i} + \frac{V_i}{P_i \alpha_i} \right) \log \left(\frac{P_i \alpha_i - \beta_i \alpha_i}{\alpha_i} \right)$



6014





7014





VV-3003



8029



7013



8028



8024





D.NO-4026



6004





8011







8016



8021



8020



8022





8012



8018



8026





8007





s-1599/1605





8001



8023

