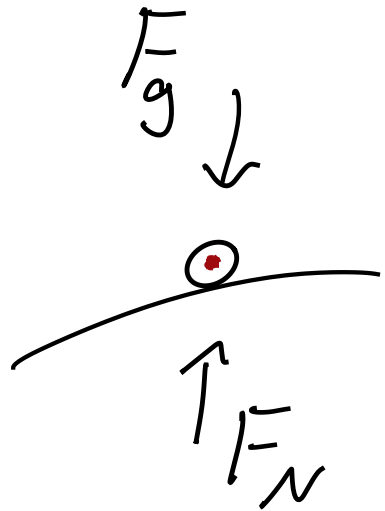


Mode - matching



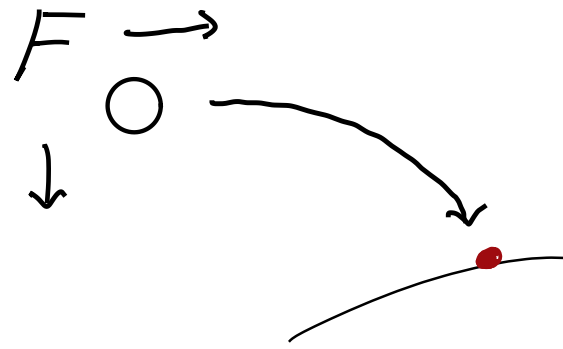
$$\sum F_i = \emptyset$$

\vdots

$$\log q - \iint \frac{F}{m} \Big|_{\substack{v=\emptyset \\ q=\emptyset}} = \emptyset$$

$$\Rightarrow q = \emptyset.$$

Mode - tracking



$$\log q - \iint \frac{F}{m} \Big|_{\substack{v=\emptyset \\ q=q_0}}$$

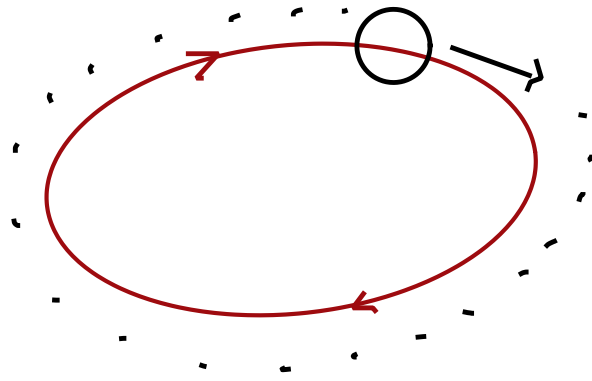
$$\rightarrow \emptyset$$

$$\Rightarrow$$

$$\partial_t q(t) = -\nabla \log p(q),$$

$$q(t) = q_0 + \frac{1}{2} g t^2$$

Path - tracking

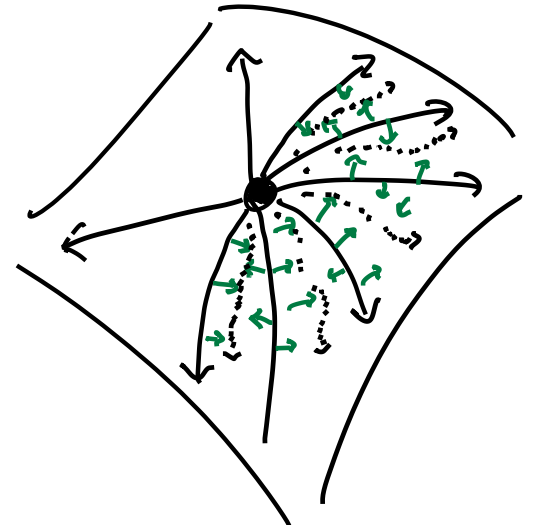


$$\log q(t) - \iint \frac{F(t)}{m} = \emptyset$$

$$\Rightarrow$$

$q(t)$ is a circular orbit

chaos



$$\int Dx(t) D\epsilon D\theta D\bar{\theta} \exp \left\{ i \int_0^t \epsilon (v - \bar{v}) + i \bar{\theta} \dot{\theta} d\tau \right\}$$

