



$$J = \int \vec{x} \, dt$$

$$0 \quad x/|o| = 0 \quad dt \cdot (V_{\vec{x}}) = 0$$

$$x/|o| = C_1 \cdot 0 + C_2 \Rightarrow C_3 = 0$$

$$1 = C_1 + C_3 \Rightarrow C_4 = 1$$

$$2 \quad x = t$$

$$2 \quad x = t$$

$$2 \quad x = t$$

$$3 \quad x = t$$

$$4 \quad x =$$

