①特殊的二阶微分程,

$$\Rightarrow y = p = tan(stc_1)$$
.

$$\Rightarrow y = \int tan[x+c] dx = -\ln|\cos(x+c)| + c.$$

II. y'= f[y, y') 型。(三广y').

Eg.
$$yy'' + y'^2 = 0$$
. $2y' = P(y)$. $y'' = \frac{dy}{dy} - \frac{dy}{dx} = \frac{dy}{dy} P(y)$

$$PP \qquad y \frac{dP}{dy} P + P = 0 \Rightarrow \frac{dP}{P} = -\frac{dy}{y}$$