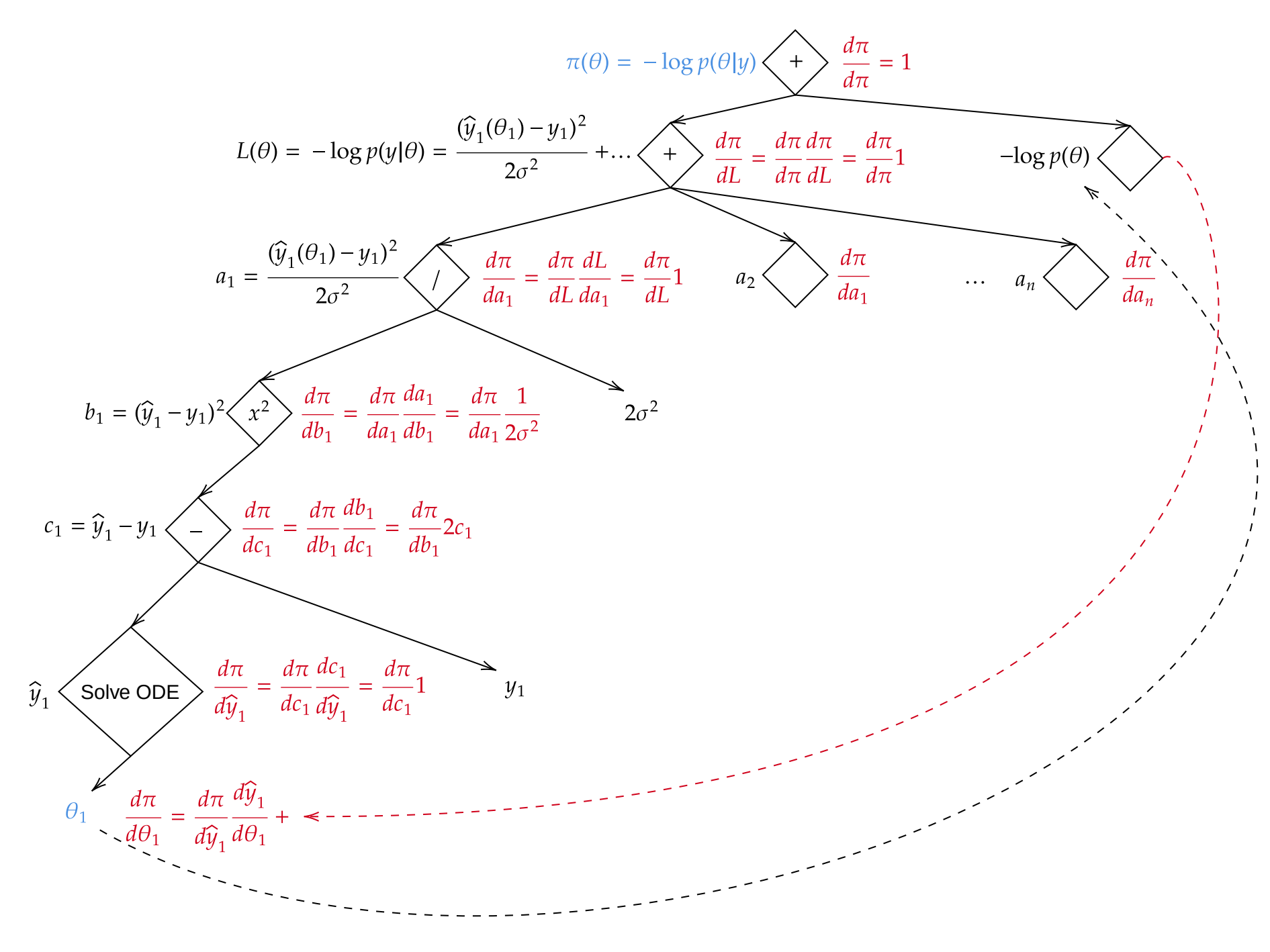
$\pi(\theta) = -\log p(\theta|y)$
+
$\frac{d\pi}{d\pi} = 1$
$L(\theta) = -\log p(y|\theta) = \frac{(\hat{y}_1(\theta_1) - y_1)^2}{2\sigma^2} + \ldots$
+
$\frac{d\pi}{dL} = \frac{d\pi}{d\pi}\frac{d\pi}{dL} = \frac{d\pi}{d\pi}1$
$-\log p(\theta)$
$a_1 = \frac{(\hat{y}_1(\theta_1) - y_1)^2}{2\sigma^2}$
/
$\frac{d\pi}{da_1} = \frac{d\pi}{dL}\frac{dL}{da_1} = \frac{d\pi}{dL}1$
a_2
$\frac{d\pi}{da_1}$
$\ldots$
a_n
$\frac{d\pi}{da_n}$
$b_1 = (\hat{y}_1 - y_1)^2$
x^2
$\frac{d\pi}{db_1} = \frac{d\pi}{da_1}\frac{da_1}{db_1} = \frac{d\pi}{da_1}\frac{1}{2\sigma^2}$
$2\sigma^2$
$c_1 = \hat{y}_1 - y_1$
−
$\frac{d\pi}{dc_1} = \frac{d\pi}{db_1}\frac{db_1}{dc_1} = \frac{d\pi}{db_1}2c_1$
$\hat{y}_1$
Solve ODE
$\frac{d\pi}{d\hat{y}_1} = \frac{d\pi}{dc_1}\frac{dc_1}{d\hat{y}_1} = \frac{d\pi}{dc_1}1$
y_1
θ_1
$\frac{d\pi}{d\theta_1} = \frac{d\pi}{d\hat{y}_1}\frac{d\hat{y}_1}{d\theta_1} +$