(3)
$$\delta Q$$
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$$\delta Q = \lambda U - Y dX - Y' dX' \begin{cases} U = U(t, X, X') \\ Y = Y(t, X, X') \\ Y' = Y'(t, X, X') \end{cases}$$

$$\sigma = \sigma(t, X, X') \Rightarrow t = t(\sigma, X, X')$$

$$2d = \left(\frac{9c}{9\pi}\right)^{x'x'} q + \left[\left(\frac{9x}{9n}\right)^{c'x} - \lambda\right] q + \left[\left(\frac{9x}{9n}\right)^{c'x} - \lambda\right] q$$

$$dX' \neq 0$$

(ii)
$$d\sigma = dX' = 0$$

 $dX \neq 0$

$$\delta Q = \left(\frac{\partial U}{\partial \sigma}\right)_{x,x'} d\sigma$$

$$y \equiv \left(\frac{3e}{3\pi}\right)^{x'x}$$

$$\delta Q = \lambda d\sigma$$
 $\lambda = \lambda(\alpha, \chi, \chi')$

