$$\left(-\nabla(\Lambda(t)),\ \Delta(t)\right)\begin{pmatrix}\sigma^{-2} & 0\\ 0 & \Lambda(t)^{-1}\end{pmatrix}\begin{pmatrix}Y(t)\\ \nabla^T Y(t)\end{pmatrix}$$

$$= \left\{\left(-\nabla(\Lambda(t)),\Delta(t)\right)\begin{pmatrix}\sigma^{-2}Y(t)\\ \Lambda(t)^{-1}\nabla^T Y(t)\end{pmatrix}\right\}\ \zeta$$

$$\nabla\left(\nabla Y(t)\right) - \sigma^{-2}Y(t)\nabla(\Lambda(t)) + \Delta(t)\Lambda(t)^{-1}\nabla^T$$

$$M(\Lambda, \Delta)$$

$$\Rightarrow \sum_i Y_i\,\nabla(\nabla^2 Y(t))$$ } mean of.

$$= -\sigma^{-2}\sum Y_i^2\,\nabla(\Lambda(t)) + \Delta(t)\Lambda(t)^{-1}\sum Y\nabla$$

$$= \nabla u.$$

$$= -\sigma^{-2}u\,\nabla(\Lambda(t)) + \Lambda(t)\Lambda(t)^{-1}\nabla u$$

$$\frac{}{2}$$