F(XM) = Some Pf(t) (x 10) f(x) dx $f \sim N(\sigma^2 \Gamma^T) A$ $f' \sim N(\Gamma \Lambda) B$ $=1f|f' \sim N(\Gamma^T \Lambda^I f', \sigma^2 - \Gamma^T \Lambda^I \Lambda^I)$ $-1 f | f' = 0 \sim N(0, \sigma^2(t) - \Gamma^T(t) \Lambda^-(t) \Gamma(t))$ $= (x-m)^{2}(2\sigma^{2}) = (e^{-\mu^{2}(2\sigma^{2}-\sigma^{2})})$ with this is a closed fam.