记号	含义	采样
$p(oldsymbol{x}_{t+\Delta t} oldsymbol{x}_0)$	$\mathcal{N}(oldsymbol{x}_t; ar{lpha}_{t+\Delta t}oldsymbol{x}_0, ar{eta}_{t+\Delta t}^2oldsymbol{I})$	$oldsymbol{x}_{t+\Delta t} = ar{lpha}_{t+\Delta t} oldsymbol{x}_0 + ar{eta}_{t+\Delta t} oldsymbol{arepsilon}$
$p(oldsymbol{x}_t oldsymbol{x}_0)$	$\mathcal{N}(oldsymbol{x}_t; ar{lpha}_toldsymbol{x}_0, ar{eta}_t^2oldsymbol{I})$	$oldsymbol{x_t} = ar{lpha}_t oldsymbol{x}_0 + ar{eta}_t oldsymbol{arepsilon}_1$
$p(oldsymbol{x}_{t+\Delta t} oldsymbol{x}_t)$	$\mathcal{N}(oldsymbol{x}_{t+\Delta t}; (1+f_t\Delta t)oldsymbol{x}_t, g_t^2\Delta t oldsymbol{I})$	$oldsymbol{x}_{t+\Delta t} = (1+f_t\Delta t)oldsymbol{x}_t + g_t\Delta toldsymbol{arepsilon}_2$
$\int p(oldsymbol{x}_{t+\Delta t} oldsymbol{x}_{t}) \ p(oldsymbol{x}_{t} oldsymbol{x}_{0})doldsymbol{x}_{t}$		$egin{aligned} & m{x}_{t+\Delta t} \ &= (1+f_t\Delta t)m{x}_t + g_t\sqrt{\Delta t}m{arepsilon}_2 \ &= (1+f_t\Delta t)(ar{lpha}_tm{x}_0 + ar{eta}_tm{arepsilon}_1) + g_t\sqrt{\Delta t}m{arepsilon}_2 \ &= (1+f_t\Delta t)ar{lpha}_tm{x}_0 + ((1+f_t\Delta t)ar{eta}_tm{arepsilon}_1 + g_t\sqrt{\Delta t}m{arepsilon}_2) \end{aligned}$