· Reparameterization tick. + VAEAILY LIEBLE ticker, Stocastic node stocastic parter deterministic & 4003 431/174 deterministic & 4401 backpropagation total 到如此。 stocastic  $\Rightarrow 1 = M_0 + J_0 = W_0 + V_0 = W_0 = W_0 + V_0 = W_0 = W_0$ ん、智式は 整理 Sampling & Gaussian Vectore 印刷 もからかに 写動 /000亿, ままでかか ちゃく Distributionの1/17 in -> [Nethork] > Me

> Th' = Ne +To

> 735 Sampling from The HE3 Island = than

> To 2501 backpropagation of 7372. ( N(Mo, to) - [ Letwork2] + Loss 信部经到 LIDT 死 Distribution 23 到每一 M(Z+Y)=M(Z)+4(Y) ex 1 Normal -> M(aztb) = aM(z)+b  $\Rightarrow \mu(x) = \mu_0 + o \times \sigma_0$ )= Not to 6 3 define steam when END(0,1)  $X \sim N(N_6, T_6)$  当 かいときない。  $\rightarrow V(z+y) = V(z) + V(y)$ The suppling of the tent wer.  $V(attb) = a^2V(t)$ > V(x)=0+52x1 (य देन) वास राष्ट्रमें वर्षण से व्रेनय The following to track The sampler of track The sa 严

Stocastic

deterministic