





self.alpha_cumprod[t].view(x.size(0), 1, 1, 1)

noise = torch.randn_like(x)

alphas_cumprod_prev=torch.cat((torc h.tensor([1.0]),alphas_cumprod[:-1]),di m=-1) # alpha_t-1累乘 (T,), [1,a1,a1*a2,a1*a2*a3,.....]

variance=(1-alphas)*(1-alphas_cumprod_prev)/ (1-alphas_cumprod) # denoise用的方差 (T,)



