

$$\mathbb{R} \xleftarrow[\text{bilin}]{C} \mathbb{R}^d \triangleleft_{\infty} \mathbb{R} \times \mathbb{R}^d \triangleleft_{\infty} \mathbb{R}$$

Gauss measure μ on $\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d \ni \downarrow$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} e^{ik\gamma} = e^{-\gamma \star C \gamma / 2}$$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} \overbrace{k\gamma}^{2n+1} = 0$$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} \overbrace{k\gamma}^{2n} = \underbrace{2n-1, 2n-3, 2n-5, \dots}_{\star} \gamma \star C \gamma$$

$$\mathbb{R} \xleftarrow[\text{bilin}]{-\Delta^{-1}} \mathbb{R}^d \triangleleft_{\infty} \mathbb{R} \times \mathbb{R}^d \triangleleft_{\infty} \mathbb{R}$$

Wiener measure μ on $\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d \ni \downarrow$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} e^{ik\gamma} = e^{\gamma \star \Delta^{-1} \gamma / 2}$$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} \overbrace{k\gamma}^{2n+1} = 0$$

$$\int_{\mu \downarrow}^{\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d} \overbrace{k\gamma}^{2n} = \underbrace{2n-1, 2n-3, 2n-5, \dots}_{\star} - \gamma \star \Delta^{-1} \gamma$$

$$\mathbb{R} \xleftarrow[\text{bilin}]{\overline{I - \Delta}^{-1}} \mathbb{R}^d \triangleleft_{\infty} \mathbb{R} \times \mathbb{R}^d \triangleleft_{\infty} \mathbb{R}$$

Ornstein-Uhlenbeck measure μ on $\mathbb{R} \triangleleft_{\infty} \mathbb{R}^d \ni \downarrow$

$$\int_{\mu_\nu}^{\mathbb{R}_{-\infty} \nabla \mathbb{R}^d} e^{i\nu\gamma} = e^{-\nu \overline{T-\Delta}^{-1} \gamma/2}$$

$$\int_{\mu_\nu}^{\mathbb{R}_{-\infty} \nabla \mathbb{R}^d} \widehat{\nu\gamma}^{2n+1} = 0$$

$$\int_{\mu_\nu}^{\mathbb{R}_{-\infty} \nabla \mathbb{R}^d} \widehat{\nu\gamma}^{2n} = \underbrace{2n-1}_{\nu} \underbrace{2n-3}_{\nu} \underbrace{2n-5}_{\nu} \cdots \underbrace{\nu}_{\nu} \overline{T-\Delta}^{-1} \gamma$$