

$$x^0 : x^1 \in \Sigma \xrightarrow{\varphi} \mathbb{C}^N$$

$$\Sigma_{\infty} \mathbb{C}^N \ni \varphi$$

$$\Sigma_{\infty} \mathbb{C}^N \subset \mathbb{R}_{\infty}^+ \mathbb{C}^N \times \mathbb{R}_{\infty}^- \mathbb{C}^N \ni x^+ \varphi_+ + x^- \varphi_- \text{ phase space}$$

$$\varphi_- \in \mathbb{R}_{\infty}^- \mathbb{C}^N \xrightarrow[\text{lin obs}]{\binom{\alpha}{x^-}} \mathbb{C} \ni x^- \varphi_-^{\alpha}$$

$$\binom{\alpha}{x^-} \ast \binom{\beta}{y^-} = {}^{\alpha} \delta_{\beta} \text{sgn}(x^- - y^-)$$

$$\text{class } \binom{\alpha}{p_-} = \int_{dx^-} e^{-ix^- p_-} \binom{\alpha}{x^-}$$

$$\binom{\alpha}{x^-} = \int_{dp_-} e^{ix^- p_-} \binom{\alpha}{p_-}$$

$$\text{quant } \overline{\binom{\alpha}{p_-}} \in \mathfrak{U} \mathcal{H}^N$$

$$\overline{\binom{\alpha}{p_-}} = \int_{dx^-} e^{-ix^- p_-} \overline{\binom{\alpha}{x^-}}$$

$$\overline{\binom{\alpha}{x^-}} = \int_{dp_-} e^{ix^- p_-} \overline{\binom{\alpha}{p_-}}$$

$$p_+ = \int_{dx^-} \overline{\binom{\alpha}{x^-}} \binom{\alpha}{x^-}$$

$$\overline{p_+} = \int_{dx^-} \overline{\binom{\alpha}{x^-} \binom{\alpha}{x^-}} = \int_{dp_-} \overbrace{\overline{\binom{\alpha}{p_-}} \overline{\binom{\alpha}{p_-}}}^{\text{normal Ord}} \in \mathfrak{U} \mathcal{H}^N$$

$$\overline{M_{p_- q_-}^N} = \frac{2}{N} \overbrace{\overline{\binom{\alpha}{p_-}} \overline{\binom{\alpha}{p_-}}}^{\ast} \in \mathfrak{U} \mathcal{H}^N$$

$$\overline{p_+} = \int_{dp_-} \overline{M_{p_-q_-}^N} = \overline{\int_{dp_-} M_{p_-q_-}^N}$$

$$\overline{M_{p_-q_-}^N} \times \overline{M_{p'_{-}q'_{-}}^N} = \frac{2}{N} \frac{1}{i} M_{p_-q_-}^N \times M_{p'_{-}q'_{-}}^N = \frac{1/2}{i} M_{p_-q_-}^N \times M_{p'_{-}q'_{-}}^N$$