

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

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

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

$$\varphi_- \in \mathbb{R}_{\bigtriangledown_\infty^- \mathbb{C}^N} \xrightarrow[\text{lin obs}]{{\color{black} \big(\big)_{x^-}^\alpha}} \mathbb{C} \ni {}^{x^-} \varphi_-^\alpha$$

$${\color{black} \big(\big)_{x^-}^\alpha \times {\color{black} \big(\big)_{y^-}^\beta = {}^\alpha \delta_\beta \operatorname{sgn}(x^- - y^-)}$$

$$\text{class } {\color{black} \big(\big)_{p_-}^\alpha} = \int\limits_{dx^-} e^{-ix^- p_-} {\color{black} \big(\big)_{x^-}^\alpha}$$

$${\color{black} \big(\big)_{x^-}^\alpha} = \int\limits_{dp_-} e^{ix^- p_-} {\color{black} \big(\big)_{p_-}^\alpha}$$

$$\text{quant } \overline{{\color{black} \big(\big)_{p_-}^\alpha}} \in \Psi \mathcal{H}^N$$

$$\overline{{\color{black} \big(\big)_{p_-}^\alpha}} = \int\limits_{dx^-} e^{-ix^- p_-} \overline{{\color{black} \big(\big)_{x^-}^\alpha}}$$

$$\overline{{\color{black} \big(\big)_{x^-}^\alpha}} = \int\limits_{dp_-} e^{ix^- p_-} \overline{{\color{black} \big(\big)_{p_-}^\alpha}}$$

$$p_+ = \int\limits_{dx^-} \bar{{\color{black} \big(\big)_{x^-}^\alpha}} {\color{black} \big(\big)_{x^-}^\alpha}$$

$$\overline{p_+} = \int\limits_{dx^-} \overline{{\color{black} \big(\big)_{x^-}^\alpha}} {\color{black} \big(\big)_{x^-}^\alpha} = \int\limits_{dp_-} \underbrace{\overline{{\color{black} \big(\big)_{p_-}^\alpha}} \overline{{\color{black} \big(\big)_{p_-}^\alpha}}}_{\text{normal Ord}} \in \Psi \mathcal{H}^N$$

$$\overline{M_{p_-q_-}^N} = \underbrace{\frac{2}{N} \overline{{\color{black} \big(\big)_{p_-}^\alpha}} \overline{{\color{black} \big(\big)_{p_-}^\alpha}}}_{\text{normal Ord}} \in \Psi \mathcal{H}^N$$

$$\overline{p_+}=\int\limits_{dp_-}\overline{M^N_{p_-q_-}}=\int\limits_{dp_-}\overline{M^N_{p_-q_-}}$$

$$\overline{M^N_{p_-q_-}}\,\boldsymbol{\times}\,\overline{M^N_{\dot{p}_-\dot{q}_-}}=\frac{2}{N}\frac{1}{i}\,M^N_{p_-q_-}\,\boldsymbol{\times}\,M^N_{\dot{p}_-\dot{q}_-}=\frac{1/2}{i}\,M^N_{p_-q_-}\,\boldsymbol{\times}\,M^N_{\dot{p}_-\dot{q}_-}$$