$$i^n \exp[in\phi_r] \operatorname{jinc}_n(r) \xrightarrow{|\cdot|^2} \operatorname{jinc}_n^2(r)$$

$$\mathcal{F}_{\mathbb{R}^2} \downarrow \qquad \qquad \downarrow \mathcal{F}_{\mathbb{R}^2}$$

$$(2\tau)^n \exp[in\phi_\tau] \Pi(\tau) \xrightarrow{\star_2} \operatorname{chat}_n(v)$$