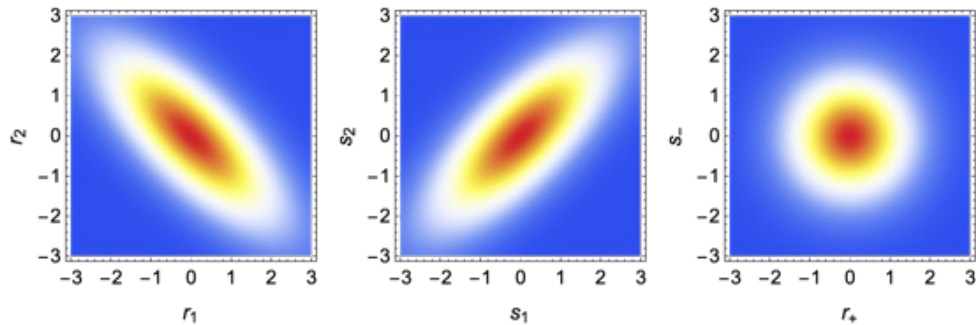


General class of continuous variable entanglement criteria

[PRL 131, 150201 \(2023\)](#)
[PRA 108, 042410 \(2023\)](#)
[PRA 105, 012409 \(2022\)](#)

- Non-local Husimi Q-distribution



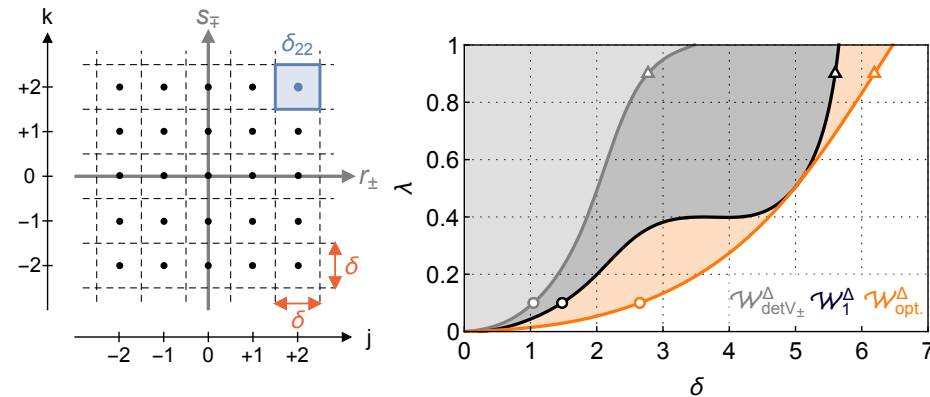
- General criteria

$$w_f = \int \frac{dr_{\pm} ds_{\mp}}{2\pi} [f(Q_{\pm}) - f(\bar{Q}'_{\pm})] \geq 0$$

→ Optimize over **all** concave f

→ Entropic & 2nd moment criteria

- Finite detector resolution



- Finite statistics

