

$e_{r,t}$

$$= \left(\frac{s-t}{r-t} \right)^{2N} \det_{\text{cov}} \left(\begin{array}{c} f'(t) - f''(t)(r-t), \\ f''(t)(r-t), \\ \cancel{f''(t)} f'''(t)(r-t)^2 \end{array} \right)$$

$$= \frac{(s-t)^{2N}}{x(r-t)^{3N}} \det_{\text{cov}} \left(\begin{array}{c} f'(t) - f''(t)(r-t), \\ f''(t)(\pm 1), \quad \pm f'''(t) \end{array} \right)$$

$$\int_{-2/2}^{2/2} \int_{-2/2}^{2/2} |x-y|$$

$$\cancel{|s-t|^{2N}}$$

$$|s-t|^{2N} |r-t|^{2N} \det_{\text{cov}} \left(\begin{array}{c} f'(t), \quad f''(t)(\pm 1), \\ f''(t)(\pm 1) + f'''(t)(\pm 1)(r-t) \end{array} \right)$$

$$= \det_{\text{cov}} \left(\begin{array}{c} f'(t) - f''(t)(\pm 1), \quad f''(t)(\pm 1), \\ (r-t) f'''(t)(\pm 1) \end{array} \right)$$

so get an $|s-t|^{2N} |r-t|^{4N}$ outside!