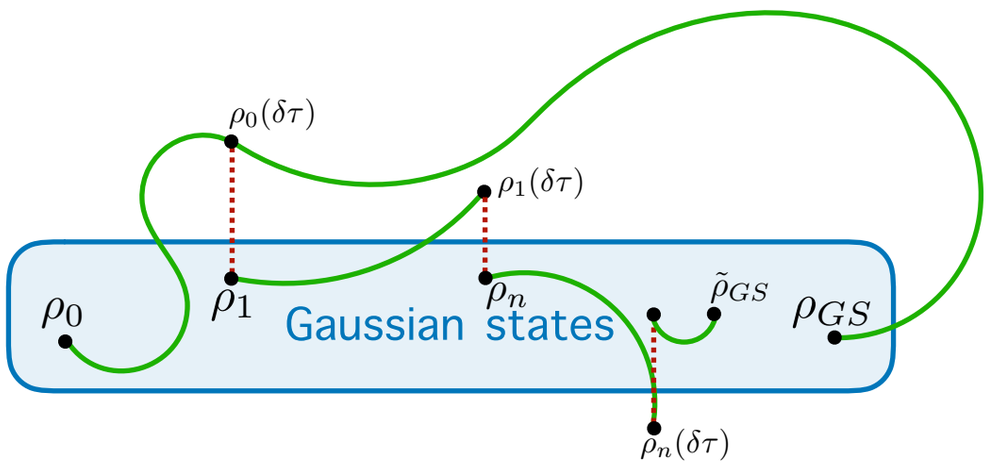
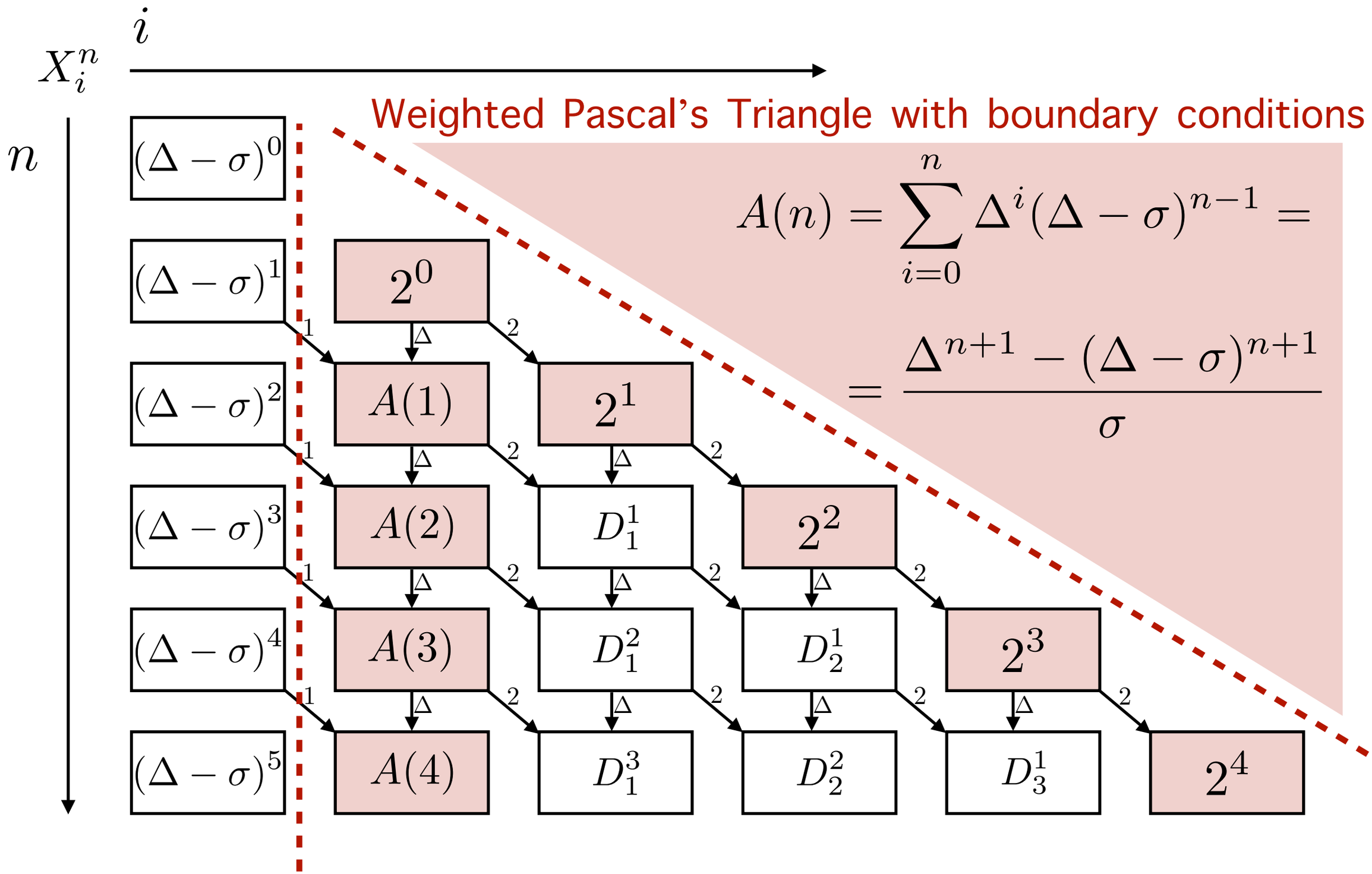

$\rho_0(\delta\tau)$
$\rho_1(\delta\tau)$
ρ_0
ρ_1
ρ_n
$\tilde{\rho}_{GS}$
ρ_{GS}
Gaussian states
$\rho_n(\delta\tau)$


X_i^n
i
n
Weighted Pascal's Triangle with boundary conditions
$A(n) = \sum_{i=0}^{n} \Delta^i (\Delta - \sigma)^{n-1} =$
$= \frac{\Delta^{n+1} - (\Delta - \sigma)^{n+1}}{\sigma}$
$(\Delta - \sigma)^0$
$(\Delta - \sigma)^1$
$(\Delta - \sigma)^2$
$(\Delta - \sigma)^3$
$(\Delta - \sigma)^4$
$(\Delta - \sigma)^5$
2^0
$A(1)$
2^1
$A(2)$
D_1^1
2^2
$A(3)$
D_1^2
D_2^1
2^3
$A(4)$
D_1^3
D_2^2
D_3^1
2^4
1
2
Δ