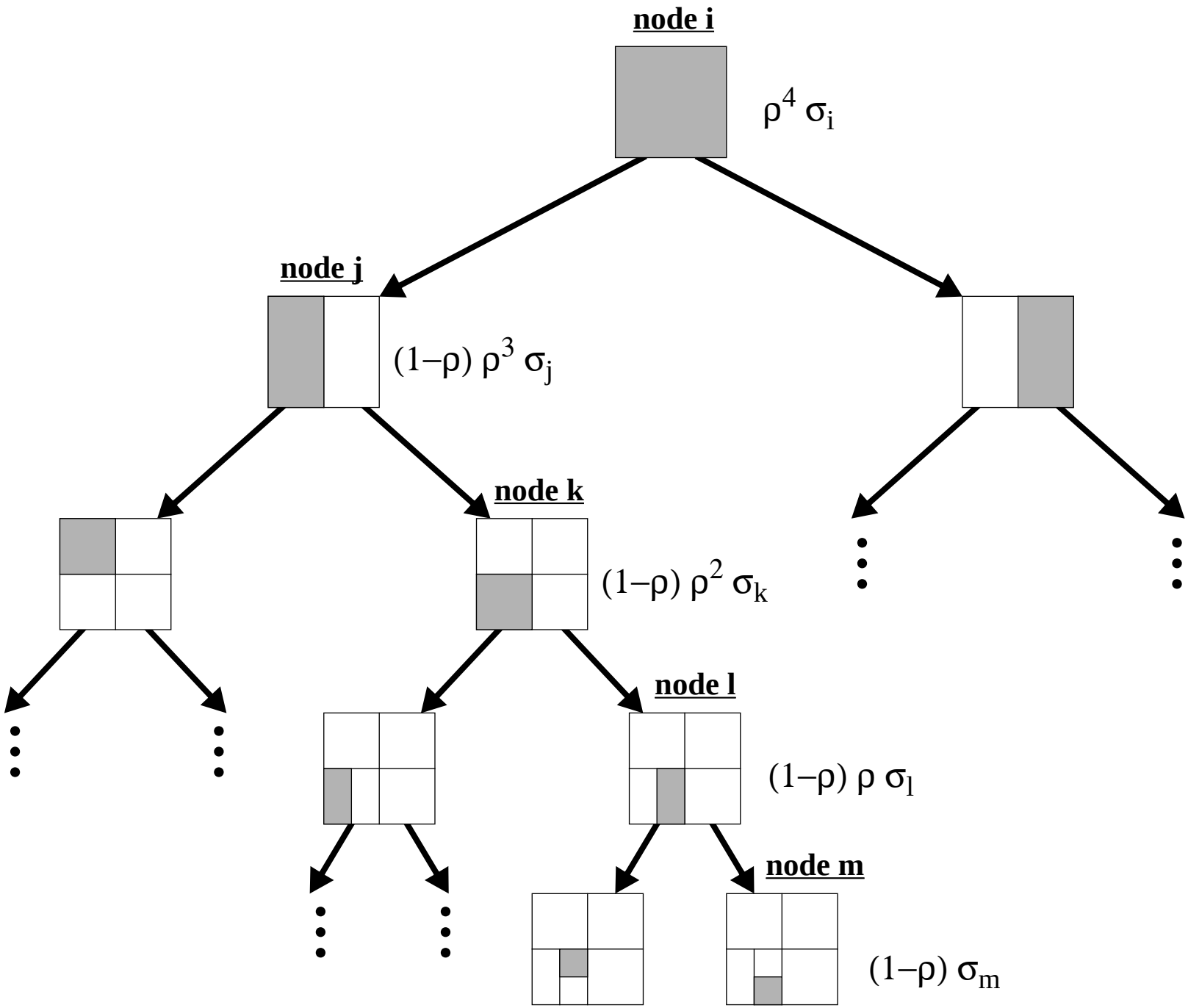
node i
$\rho^4\ \sigma_i$
node j
$(1-\rho)\ \rho^3\ \sigma_j$
node k
$(1-\rho)\ \rho^2\ \sigma_k$
node l
$(1-\rho)\ \rho\ \sigma_l$
node m
$(1-\rho)\ \sigma_m$