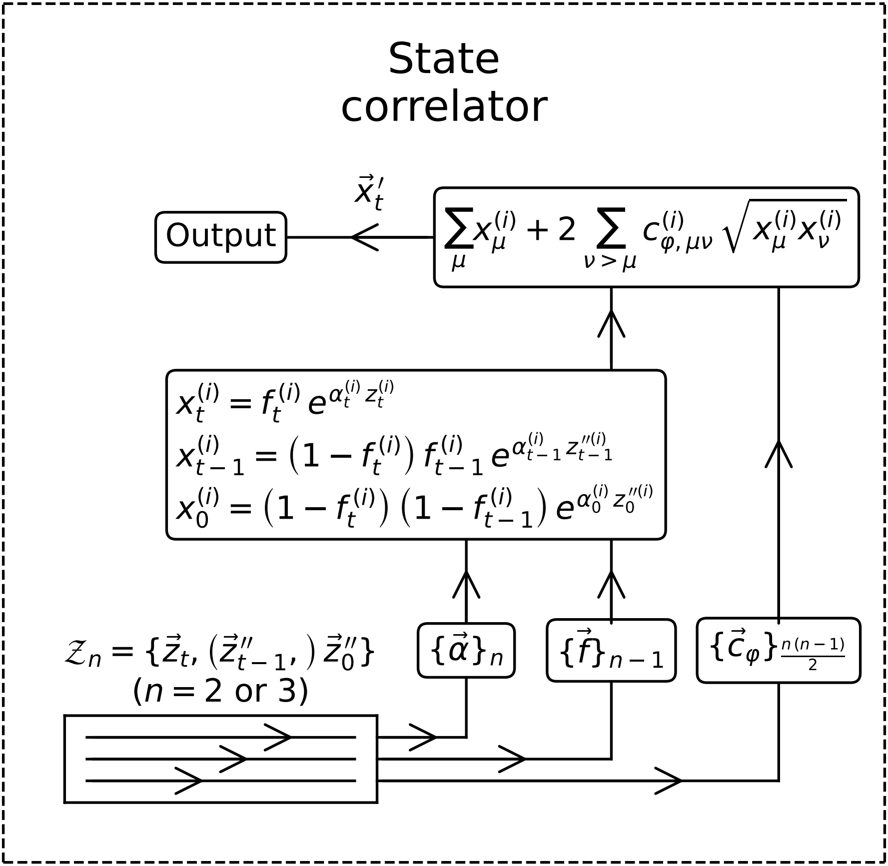
State correlator
$\vec{x}'_t$
Output
$\sum_\mu x_\mu^{(i)} + 2\sum_{\nu>\mu} c_{\varphi,\mu\nu}^{(i)}\sqrt{x_\mu^{(i)}x_\nu^{(i)}}$
$x_t^{(i)} = f_t^{(i)}\, e^{\alpha_t^{(i)} z_t^{(i)}}$
$x_{t-1}^{(i)} = \left(1 - f_t^{(i)}\right) f_{t-1}^{(i)}\, e^{\alpha_{t-1}^{(i)} z_{t-1}''^{(i)}}$
$x_0^{(i)} = \left(1 - f_t^{(i)}\right)\left(1 - f_{t-1}^{(i)}\right) e^{\alpha_0^{(i)} z_0''^{(i)}}$
$\mathcal{Z}_n = \{\vec{z}_t, \left(\vec{z}''_{t-1},\right) \vec{z}''_0\}$
($n = 2$ or 3)
$\{\vec{\alpha}\}_n$
$\{\vec{f}\}_{n-1}$
$\{\vec{c}_\varphi\}_{\frac{n(n-1)}{2}}$