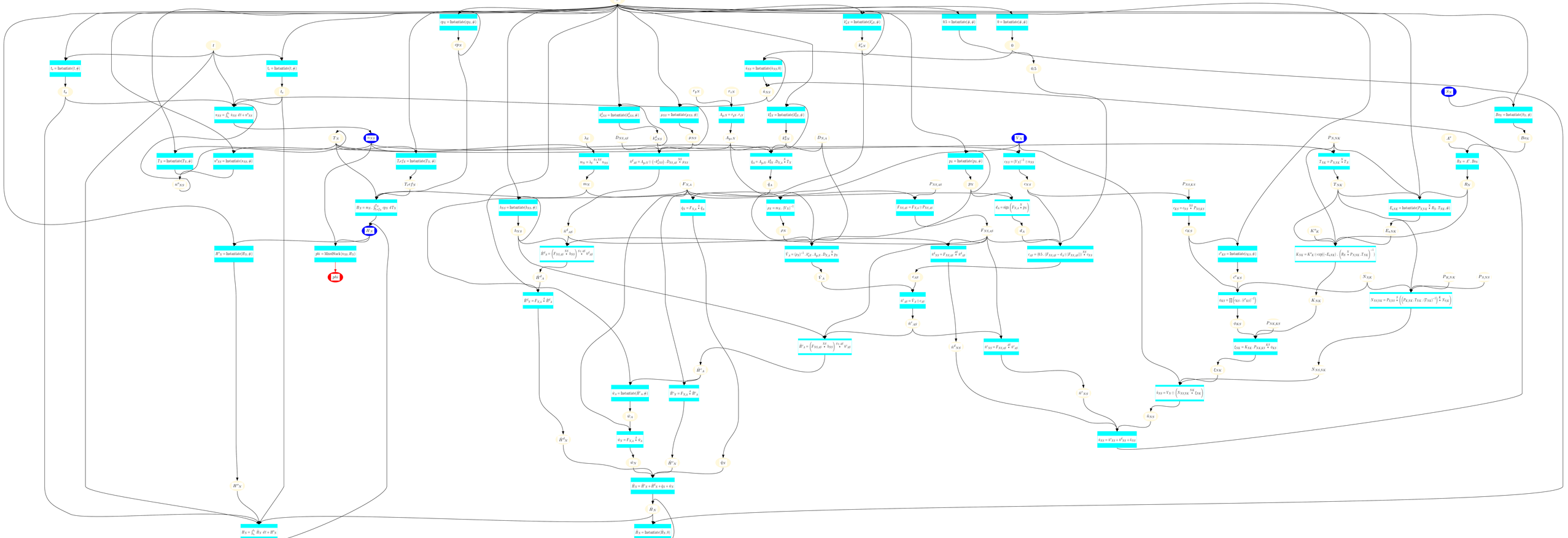
ϕ
$\mathrm{cp}_N = \mathrm{Instantiate}(\mathrm{cp}_N, \phi)$
cp_N
t
$t_o = \mathrm{Instantiate}(t, \phi)$
t_o
$t_c = \mathrm{Instantiate}(t, \phi)$
t_c
$n_{NS} = \int_{t_o}^{t_c} h_{NS} \cdot dt + n''_{NS}$
$T_N = \mathrm{Instantiate}(T_N, \phi)$
$n''_{NS} = \mathrm{Instantiate}(n_{NS}, \phi)$
n''_{NS}
T_N
BRX
$T_N \cdot f_N = \mathrm{Instantiate}(T_N, \phi)$
$T_N \cdot f_N$
$H_N = m_N - \int_{t_o}^{t_c} \mathrm{cp}_N \cdot dT_N$
HN
$H'_N = \mathrm{Instantiate}(H_N, \phi)$
$\mathrm{phi} = \mathrm{MoveStack}(n_{NS}, H_N)$
phi
H''_N
$H_N = \int_{t_o}^{t_c} \dot{H}_N \cdot dt + H'_N$
$\mathrm{K}'_N = \mathrm{Instantiate}(\mathrm{K}'_N, \phi)$
K'_N
$0.5 = \mathrm{Instantiate}(\phi, \phi)$
$0 = \mathrm{Instantiate}(\phi, \phi)$
0
0.5
$\lambda_{NS} = \mathrm{Instantiate}(\lambda_{NS}, \phi)$
θ_{NS}
$r_{\theta N}$
$r_{\alpha N}$
$\mathrm{I}'_{NS} = \mathrm{Instantiate}(\mathrm{I}'_{NS}, \phi)$
$\mathrm{gx}_{NS} = \mathrm{Instantiate}(\mathrm{gx}_{NS}, \phi)$
$A_{\theta N} = r_{\theta N} \cdot r_{\alpha N}$
$\mathrm{I}''_{NS} = \mathrm{Instantiate}(\mathrm{I}''_{NS}, \phi)$
I''_N
$D_{NS,AS}$
I'''_{NS}
pxs_N
$A_{\theta N}$
$D_{N,A}$
λ_S
$m_N = \lambda_S^{\mathrm{NS}} \star \lambda_{NS}$
$\mathrm{d}'_{AS} = A_{\theta N} \otimes (-\mathrm{I}'''_{NS}) \cdot D_{NS,AS}^{\mathrm{N}} \star \mathrm{gx}_{NS}$
$\mathrm{q}_A = A_{\theta N} \cdot \mathrm{I}''_N \cdot D_{N,A}^{\mathrm{N}} \star T_N$
m_N
q_A
$F_{N,A}$
YN
$p_N = \mathrm{Instantiate}(p_N, \phi)$
$\mathrm{cx}_N = (1/\mathrm{y})^{-1} \otimes n_{NS}$
$P_{NS,AS}$
p_N
cx_N
$P_{NS,NS}$
$P_{N,NK}$
$T_{NK} = P_{N,NK}^{\mathrm{N}} \star T_N$
A^*
$E_N = A^* \cdot \mathrm{Ro}_N$
T_{NK}
R_N
$\mathrm{Ro}_N = \mathrm{Instantiate}(\mathrm{Ro}_N, \phi)$
Ro_N
SN
HN
$H'_N = \mathrm{Instantiate}(H_N, \phi)$
$\mathrm{phi} = \mathrm{MoveStack}(n_{NS}, H_N)$
phi
$\mathrm{hx}_{NS} = \mathrm{Instantiate}(\mathrm{hx}_{NS}, \phi)$
hx_{NS}
θ''_{AS}
$H'^{\mathrm{A}}_A = \left(F_{NS,AS}^{\mathrm{NS}} \star \mathrm{hx}_{NS}\right)^{\mathrm{NS,AS}} \star \theta''_{AS}$
H'^{A}_A
$H'_N = F_{N,A}^{\mathrm{A}} \star H'^{\mathrm{A}}_A$
$\mathrm{q}_N = F_{N,A}^{\mathrm{A}} \star \mathrm{q}_A$
q_N
$\mathrm{p}_N = F_{N,A}^{\mathrm{A}} \star \mathrm{p}_A$
p_N
$\mathrm{p}_A = \mathrm{Instantiate}(H'_A, \phi)$
p_A
H'^{N}_N
$\mathrm{p}_N = \mathrm{p}_N \cdot (1/\mathrm{y})^{-1}$
$\dot{V}_A = (\mathrm{p}_N)^{-1} \cdot \mathrm{K}'_N \cdot A_{\theta N} \cdot D_{N,A}^{\mathrm{N}} \star \mathrm{p}_N$
$\dot{V}_A$
$F_{NS,AS} = F_{N,A} \otimes P_{NS,AS}$
$d_A = \mathrm{sgn}\left(F_{N,A}^{\mathrm{N}} \star \mathrm{p}_N\right)$
d_A
$F_{NS,AS}$
$\mathrm{cx}_N = \mathrm{cx}_N \star P_{NS,NS}$
cx_N
$\mathrm{d}'_{NS} = \mathrm{Instantiate}(\mathrm{cx}_N, \phi)$
d'_{NS}
$\mathrm{d}'^{\mathrm{A}}_{NS} = F_{NS,AS}^{\mathrm{NS}} \star \mathrm{d}'_{AS}$
$\mathrm{c}_{AS} = \mathrm{Ib}\cdot\left(F_{NS,AS} - d_A \otimes (F_{NS,AS})\right)^{\mathrm{NS}} \star \mathrm{cx}_N$
c_{AS}
$\mathrm{c}'_{AS} = \dot{V}_A \otimes \mathrm{c}_{AS}$
θ''_{AS}
$H'^{\mathrm{A}}_A = \left(F_{NS,AS}^{\mathrm{NS}} \star \mathrm{hx}_N\right)^{\mathrm{NS,AS}} \star \theta''_{AS}$
θ''_{NS}
$\theta''_{NS} = F_{NS,AS}^{\mathrm{NS}} \star \theta''_{AS}$
θ''_{NS}
$\mathrm{hx}_{NS} = \theta''_{NS} + \theta'^{\mathrm{A}}_{NS} + \mathrm{hx}_{NS}$
hx_{NS}
$H'_N + H'^{\mathrm{A}}_N + \mathrm{q}_N + \mathrm{e}_N$
H_N
$H_N = \mathrm{Instantiate}(H_N, \phi)$
$\mathrm{K}''_K = \mathrm{K}'_K \otimes \exp(-E_{NK}) \cdot \left(R_N^{\mathrm{N}} \star P_{N,NK} \cdot T_{NK}\right)^{-1}$
K''_K
E_{NK}
$E_{NK} = \mathrm{Instantiate}(P_{N,NK}^{\mathrm{N}} \star R_N \cdot T_{NK}, \phi)$
$\mathrm{c}'_{KS} = \mathrm{Instantiate}(\mathrm{cx}_N, \phi)$
c'_{KS}
$\mathrm{o}_{KS} = \prod\left(\mathrm{c}_{KS} \cdot (\mathrm{c}'_{KS})^{-1}\right)$
o_{KS}
K_{NK}
N_{NK}
$P_{K,NK}$
$P_{N,NS}$
$N_{NS,NK} = P_{N,NS}^{\mathrm{N}} \star \left(\left[P_{K,NK} \cdot T_{NK} \cdot (T_{NK})^{-1}\right]^{\mathrm{N}} \star N_{NK}\right)$
$P_{N,K,NS}$
$\zeta_{NK} = \mathrm{K}_{NK} \cdot P_{N,K,NS}^{\mathrm{N}} \star \mathrm{o}_{KS}$
ζ_{NK}
$N_{NS,NK}$
$\mathrm{e}_{NS} = V_N \otimes \left(N_{NS,NK}^{\mathrm{NK}} \star \zeta_{NK}\right)$
e_{NS}
$\mathrm{hx}_{NS} = \mathrm{e}_{NS} + \theta'^{\mathrm{A}}_{NS} + \mathrm{hx}_{NS}$