

Data base OMIB (ULg, L. Wehenkel)

1650MVA

H=5.6s

Xt=87%

400kv system
V-INFINI : 1.05 (st.dev 0.05 p.u.)



P-UNIT : 700 ... 1300MW

Q-UNIT: -665 ... 990Mvar

X-INFINI=60ohm (st.dev. 6ohm)

PI-LOAD= 100MW (st.dev. 10MW)

V-LOAD : V-INFINI + NOISE (st.dev. 0.01p.u.)

Pu : 1107.8 MW

Vl : 393.44 kv

Xinf : 68.572 ohm

CCT(SBS) : 167.5 ms

Qu : 687.4 Mvar

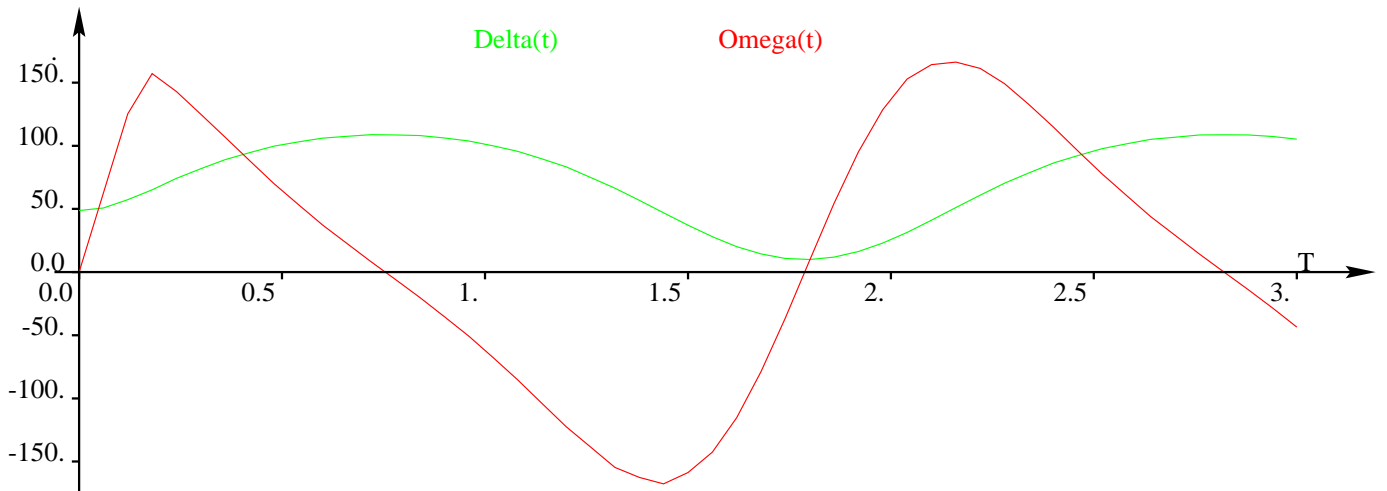
Pl : -113.7 MW

Vinf : 394.6 kv

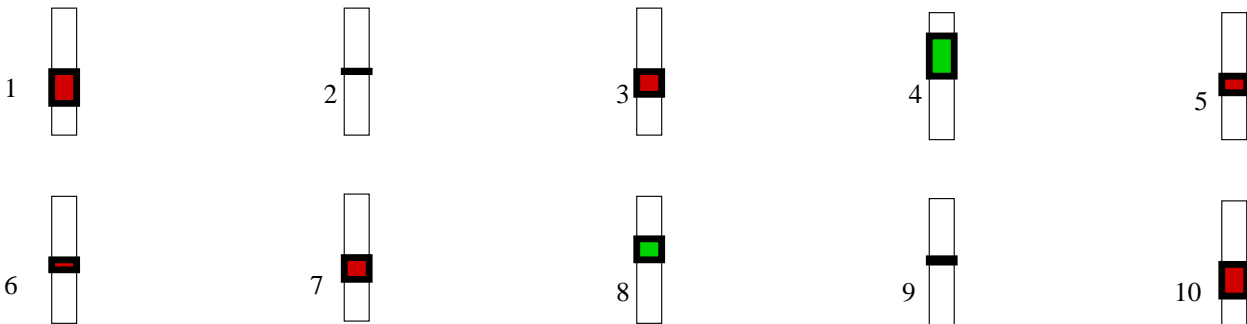
Ceci est un cas stable

Path in the DT

DT2 : TOP-NODE, T2, T8, T9, T12, T13, T14, D10, (Conclusion is, INSECUR)

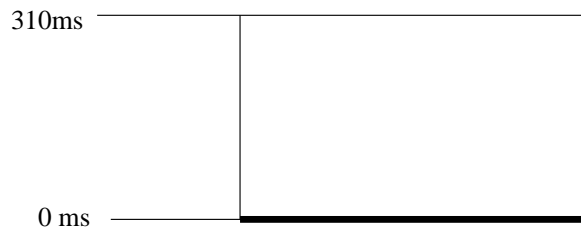
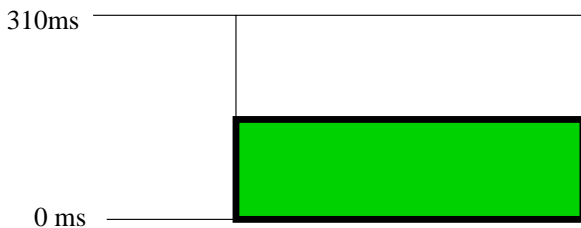


MLP hidden layer activations (between -1 and 1)



MLP output activation 0.19598426

Model output 0.0



OP8788