

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 : 1119.4 MW

Vl : 389.59 kv

Xinf : 61.853 ohm

CCT(SBS) : 161.6 ms

Qu : 529.16 Mvar

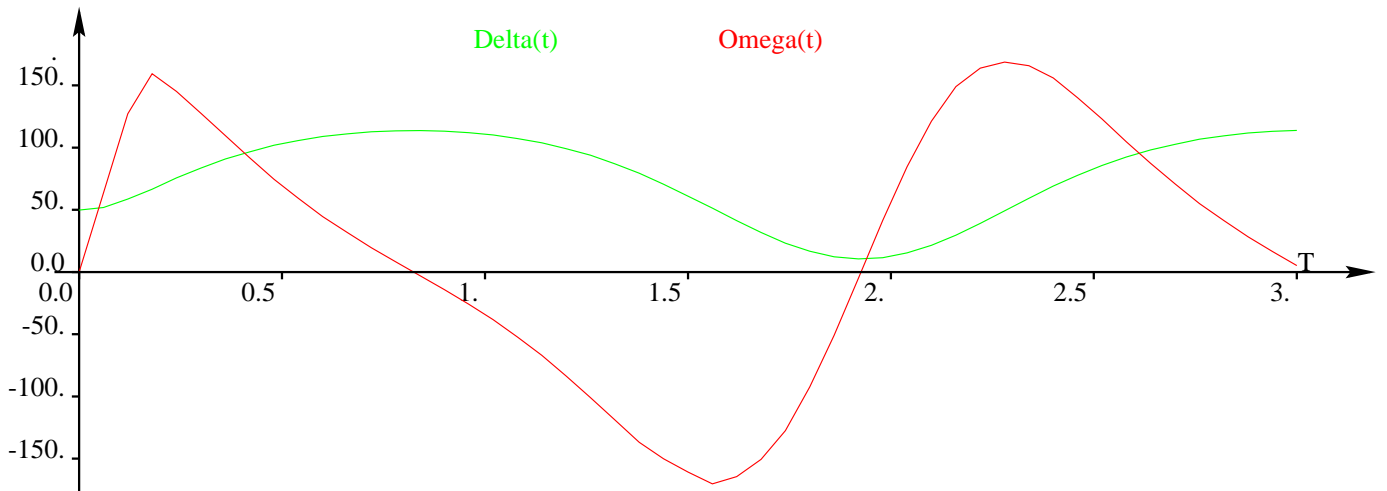
Pl : -88.87 MW

Vinf : 383.47 kv

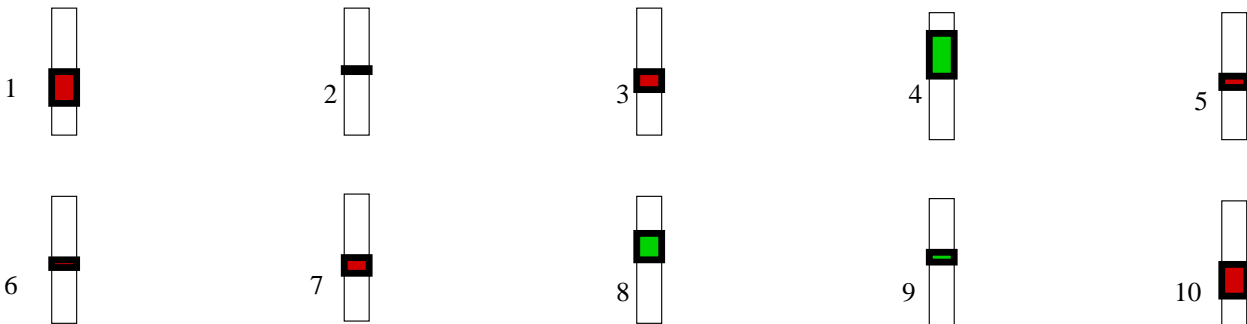
Ceci est un cas stable

Path in the DT

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

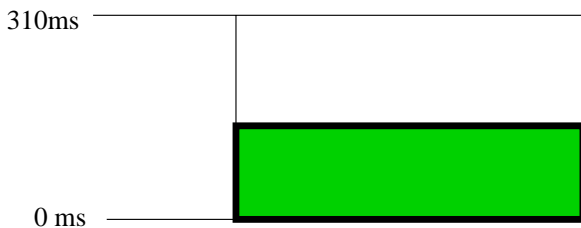


MLP hidden layer activations (between -1 and 1)



MLP output activation 0.18328562

Model output 0.0



OP8246