

## Data base OMIB (ULg, L. Wehenkel)

1650MVA

H=5.6s

Xt=87%



400kv system

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

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

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

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

P-UNIT : 700 ... 1300MW

Q-UNIT: -665 ... 990Mvar

Pu : 1119.7 MW

Vl : 404.13 kv

Xinf : 49.012 ohm

CCT(SBS) : 165.5 ms

Qu : -172.5 Mvar

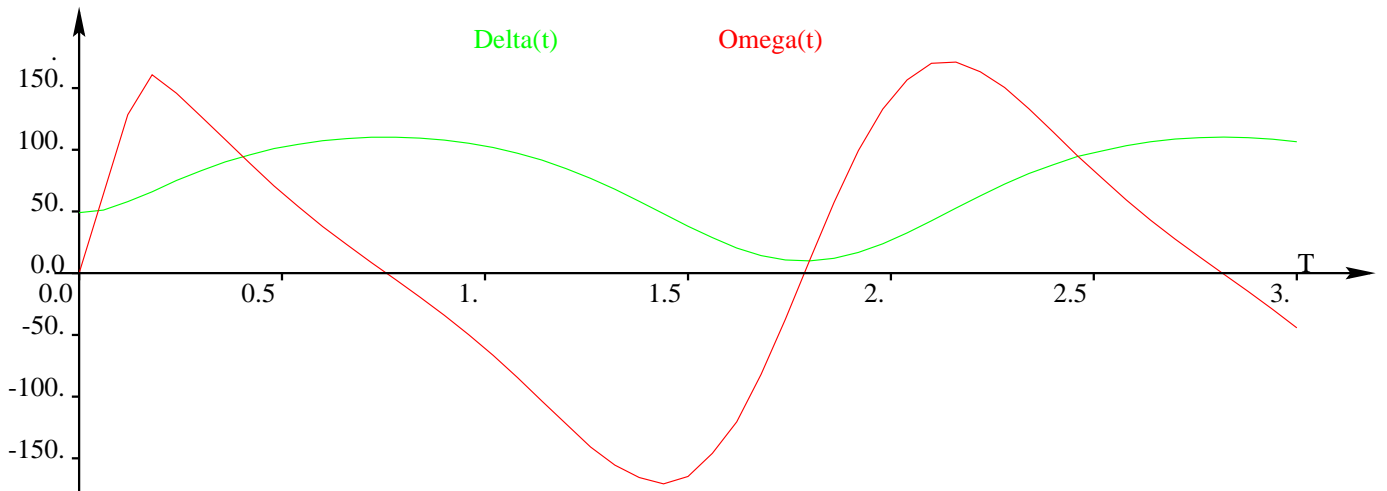
Pl : -99.91 MW

Vinf : 391.62 kv

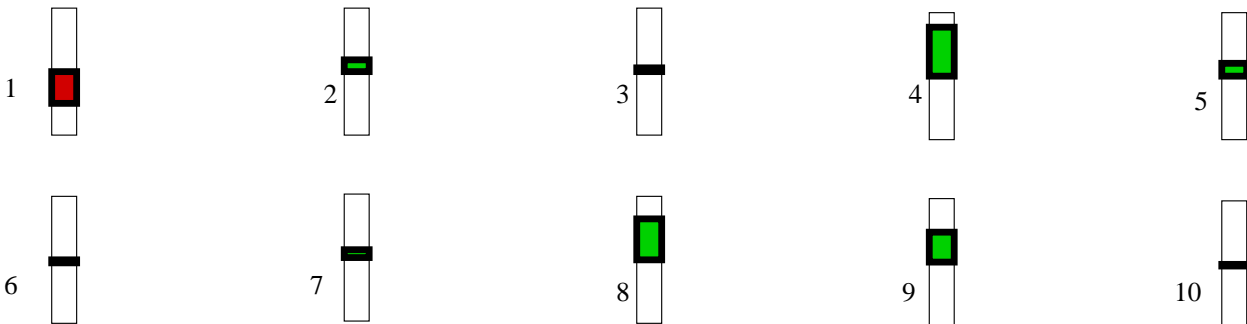
Ceci est un cas stable

Path in the DT

DT2 : TOP-NODE, T2, T3, T4, T5, D1, (Conclusion is, INSECURE, ),

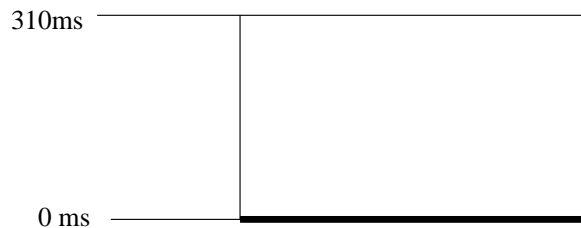
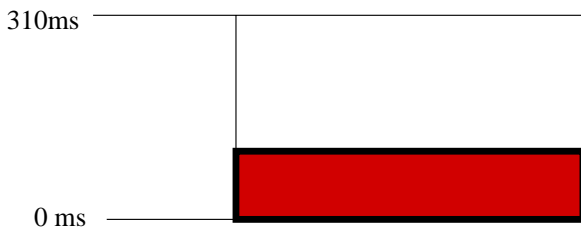


MLP hidden layer activations (between -1 and 1)



MLP output activation 0.13372658

Model output 0.0



OP8599