

## 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 : 1050.4 MW

Vl : 406.03 kv

Xinf : 58.868 ohm

CCT(SBS) : 166.5 ms

Qu : -273.9 Mvar

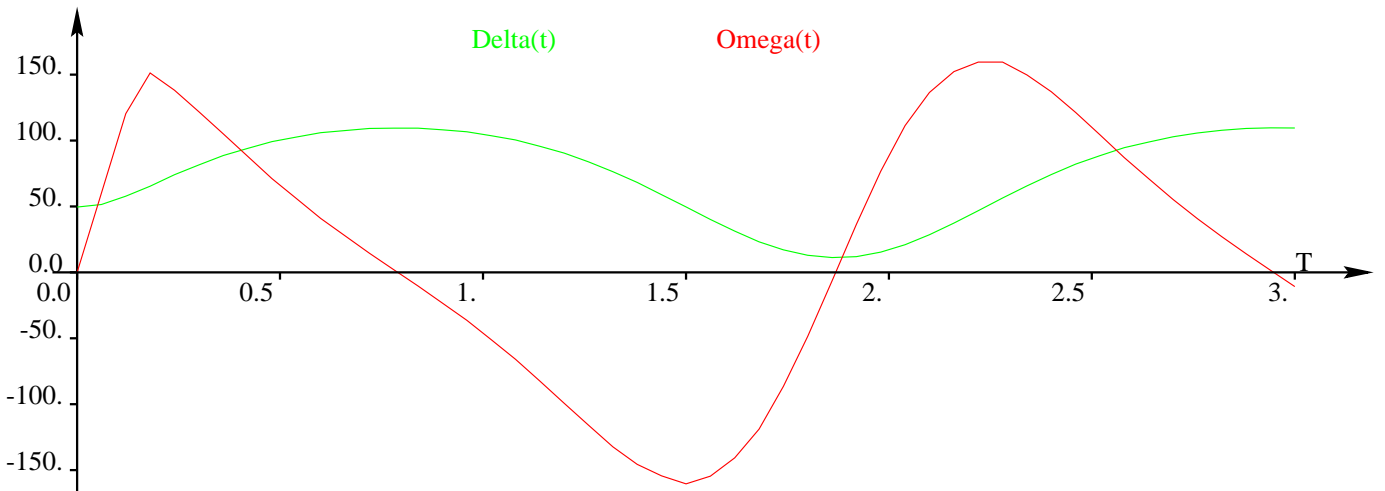
Pl : -108.2 MW

Vinf : 409.93 kv

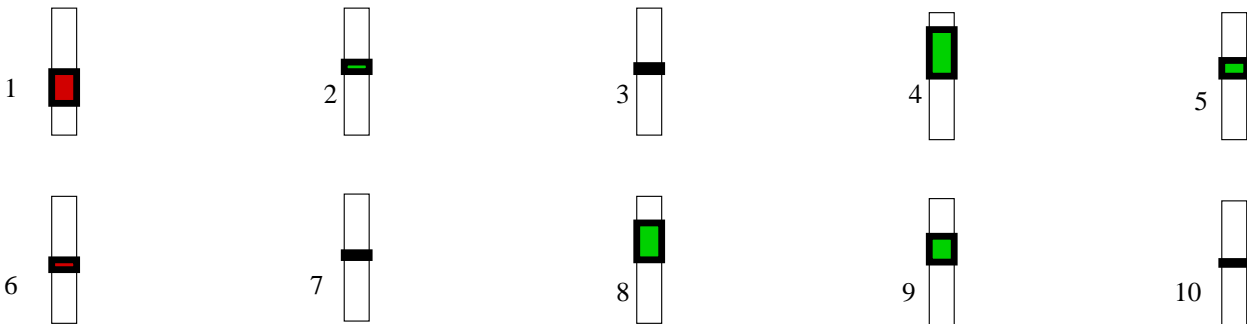
Ceci est un cas stable

Path in the DT

DT2 : TOP-NODE, T19, T20, T21, T22, T23, D14, (Conclusion is, INSECURE,

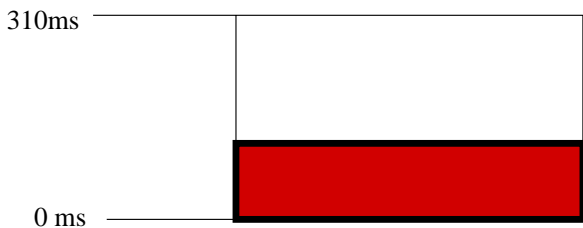


### MLP hidden layer activations (between -1 and 1)



MLP output activation 0.14908873

Model output 0.0



OP9229