indmc2a.xbe

Attributes

```
xbe name=indmc2a integrate=yes
# induction motor model
# (same as indmc1.xbe; this one is to be used along with
# indmc2b.xbe)
Jacobian: variable
input_vars: vqs vds tl
output_vars: wrm
+ psids psidr psiqs psiqr
aux_vars:
iparms:
+ poles=4
sparms:
rparms:
+ rs=0.435
+ lls=0.002
+ lm=0.0693
+ llr=0.002
+ rr=0.816
+ j=0.089
+ ls=0
+ lr=0
+ le=0
+ l1=0
+ l2=0
+ l3=0
+ x1=0
+ x2=0
stparms:
+ psids0=0
+ psiqs0=0
+ psidr0=0
+ psiqr0=0
+ wrm0=0
igparms:
outparms:
+ wrm
+ tem
+ vds
+ vqs
```

Description

indmc2a.xbe and indmc2b.xbe together constitute the induction machine model given by indmc1.xbe. In addition, they make the machine currents ia, ib, ic available for control purposes. See the subcircuit s_indmc_2.