Written and documented by Till Tantau, and Mark Wibrow. Inspired by the work of Massimo Redaelli.

S_1 $R = 4\Omega$ *exactly the same source code*

S_1 $R = 4\Omega$ *symbols* *symbol shape* *symbol node* *symbol graphic*

$[columnsep = 7mm](i0)0; [andgate](a1); (i1)0; [orgate](o); [nandgate](a2); (i2)1; ; (i0.east)-- +(right : 3mm)|- (a1.input1); (i1.east)-- +(right : 3mm)|- (a1.input2); (i1.east)-- +(right : 3mm)|- (a2.input1); (i2.east)-- +(right : 3mm)|- (a2.input2); (a1.output)-- +(right : 3mm)|- (o.input1); (a2.output)-- +(right : 3mm)|- (o.input2); (o.output)-- +(right : 3mm);$

$[columnsep = 7mm](i0)0; [andgate](a1); (i1)0; [orgate](o); [nandgate](a2); (i2)1; ; (i0.east)-- +(right : 3mm)|- (a1.input1); (i1.east)-- +(right : 3mm)|- (a1.input2); (i1.east)-- +(right : 3mm)|-