

pole_real_order_5.xbe

Attributes

```
xbe name=pole_real_order_5 integrate=yes
+ allow_elex=yes elex_need_oldvars=yes
Jacobian: constant
input_vars: x
output_vars: y
aux_vars: z1 z2 z3 z4
iparms:
sparms:
rparms: a=1 alpha=1
stparms: y_st=0
igparms:
outparms:
```

Description

pole_real_order_5.xbe is used to get

$$y = \frac{a}{(s - \alpha)^5} x. \quad (1)$$