

## pole\_real\_order\_2.xbe

### Attributes

```
be name=pole_real_order_2 integrate=yes
+ allow_elex=yes elex_need_oldvars=yes
Jacobian: constant
input_vars: x
output_vars: y
aux_vars: z1
iparms:
sparms:
rparms: a=1 alpha=1
stparms: y_st=0
igparms:
outparms:
```

### Description

pole\_real\_order\_2.xbe is used to get

$$y = \frac{a}{(s - \alpha)^2} x. \quad (1)$$