sum_2.xbe

Attributes

```
xbe name=sum_2 evaluate=yes
# y = k1*x1 + k2*x2
Jacobian: constant
input_vars: x1 x2
output_vars: y
aux_vars:
iparms:
sparms:
rparms:
+   k1=1 k2=1
stparms:
igparms:
outparms: x1 x2 y
```

Description

sum_2.xbe is used to get a weighted sum of the inputs x_1 and x_2. The output is given by

$$y = k_1 x_1 + k_2 x_2. \tag{1}$$