Attributes

xbe name=sum_3 evaluate=yes
y = k1*x1 + k2*x2 + k3*x3
Jacobian: constant
input_vars: x1 x2 x3
output_vars: y
aux_vars:
iparms:
sparms:
rparms:
+ k1=1 k2=1 k3=1
stparms:
igparms:
outparms: x1 x2 x3 y

Description

sum_3.xbe is used to get a weighted sum of the inputs x_1, x_2, x_3 . The output is given by

$$y = \sum_{i=1}^{3} k_i \, x_i. \tag{1}$$