X mbpt – internal view

X ASUStriple.SSpend – Properties

This Instance Node's Comments [EDITABLE]

Default values from case "mc20030123proto" (as-built MC prototype) of Mathematica model mbtriplelite2. First six inputs are displacement of structure (x,y,z,yaw,pitch,roll). Remaining inputs are forces/torques on masses (top mass x,y,z,yaw,pitch,roll; intermediate mass…optic…).

Base Node's Comments [READ ONLY]

Base node 'statespace' comments:
State Space model using ABCD matrix.
initial is a real vector to define initial values of internal variables. Default is that all values are 0.
Accuracy is the measure of relative errors of calculations. If it cannot be achieved by some reason, warning message is printed. If y
ou go beyond 10^–13, it is recommended to use quad precision. Actual error may be worse than this requirement.

	Current Value	Type	Data Type	notes re current value	DEFAULT Value	notes re DEFAULT value
accuracy	1e–12	parameter	real		1e–12	set in statespace
useQuad	DEFAULT	parameter	bool		false	set in statespace
initial	DEFAULT	parameter	vector_real			set in statespace
A	0,0,0,0,0,0,0,0,0,0,…	parameter	matrix_real			set in statespace
B	0,0,0,0,0,0,0,0,0,0,…	parameter	matrix_real			set in statespace
C	1,0,0,0,0,0,0,0,0,0,…	parameter	matrix_real			set in statespace
D	0,0,0,0,0,0,0,0,0,0,…	parameter	matrix_real			set in statespace
#include	DEFAULT					

OK   Cancel

te_noise

wn_PSD

if_t_gt_10

ASUStriple

get_m1x

m1x_PSD

VecScaMerge

get_m2x

m2x_PSD

get_m3x

m3x_PSD

X ASUStriple – internal view

VecVecMerge   SSpend

ASUStriple.SSpend [statespace]

GNDx
m1x
m2x
m3x

307M

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