

Tao

FileCreateViewPlot

Data...Ctrl+D

Variables...Alt+V

Global Variables...Ctrl+G

Lattice Elements...Ctrl+E

Lattice...Ctrl+L

Browse...

Run

Setup

Run

Debug

Show/Hide Console

View History...

[INFO] tao_init:
Note: global%rf_on = False --> RFCavities will be turned off in lattices

Tao>show data

Name	Using for Optimization
orbit.x[0:99]	Using:
orbit.y[0:99]	Using:
phase.a[0:99]	Using:
phase.b[0:99]	Using:
eta.x[0:99]	Using:
eta.y[0:99]	Using:
beta.a[0:99]	Using:
beta.b[0:99]	Using:
cbar.11[0:99]	Using:
cbar.12[0:99]	Using:
cbar.21[0:99]	Using:
cbar.22[0:99]	Using:
k.11b[0:99]	Using:
k.12a[0:99]	Using:
k.12b[0:99]	Using:
k.22a[0:99]	Using:

Tao>

Data

orbit	Indices	Using
x	<div>View...Edit...</div>	0:99
y	<div>View...Edit...</div>	0:99
phase	Indices	Using
a	<div>View...Edit...</div>	0:99
b	<div>View...Edit...</div>	0:99
eta	Indices	Using
x	<div>View...Edit...</div>	0:99
y	<div>View...Edit...</div>	0:99
beta	Indices	Using
a	<div>View...Edit...</div>	0:99
b	<div>View...Edit...</div>	0:99
cbar	Indices	Using
11	<div>View...Edit...</div>	0:99
12	<div>View...Edit...</div>	0:99
21	<div>View...Edit...</div>	0:99
22	<div>View...Edit...</div>	0:99

Universe: 1

Write data to namelist file...

Bulk settings for orbit.x

meas_value	good_user	weight
<div><div><div>No Change</div><div>Constant: </div><div>From: Base</div><div>Formula: </div></div></div>	<div><div><div>No Change</div><div>Constant: </div></div></div>	<div><div><div>No Change</div><div>Constant: </div><div>Formula: </div></div></div>
<div><div><div>All</div><div>Range: </div></div></div>	<div><div><div>All</div><div>Range: </div></div></div>	<div><div><div>All</div><div>Range: </div></div></div>

Fill and apply

orbit.x[34]

ele_name	DET_34W	(288)
ele_start_name		(-1)
ele_ref_name		(-1)
data_type	orbit	x
merit_type	target	
data_source	lat	
eval_point	End	
ix_bunch	0	
ix_branch	0	
ix_ele_merit	-1	
ix_d1	34	
ix_data	35	
ix_dmodel	-1	
meas_value	0.0	
ref_value	0.0	
model_value	0.015417366933784	
design_value	0.015417366933784	
old_value	0.0	

Apply changes

orbit.x							
Bulk fill...				Show all			
Index	d1_data_name	Merit type	Ref Element	Start Element	Element Name	Meas value	Model value
30	orbit.x	target			DET_30W	0.000000000000E+00	-6.3994360848211E-03
31	orbit.x	target			DET_31W	0.000000000000E+00	2.8540045854103E-03
32	orbit.x	target			DET_32W	0.000000000000E+00	1.2658865835454E-02
33	orbit.x	target			DET_33W	0.000000000000E+00	1.1905074152999E-02
34	orbit.x	target			DET_34W	0.000000000000E+00	1.5417366933784E-02
35	orbit.x	target			DET_35W	0.000000000000E+00	6.9528419764613E-03
36	orbit.x	target			DET_36W	0.000000000000E+00	8.9760172249806E-05
37	orbit.x	target			DET_37W	0.000000000000E+00	-5.9017764956826E-03
38	orbit.x	target			DET_38W	0.000000000000E+00	-1.5499288722237E-02
39	orbit.x	target			DET_39W	0.000000000000E+00	-8.8566698499384E-03