

Ring and reshape_data()

Simple

Input data
float

reshape_data()

resize

Manual

Input data
[n_sections, n_turns+1]
(list or np.array)

Rejection if:
- Size does not match
n_sections or
n_turns+1

pass

Input data
[n_sections, variable]
(list or np.array)

Rejection if:
- Size does not match
n_sections or
n_turns+1 or 1 float

resize

Program

Input data
tuple(time, data)
([n_samples], [n_samples])

If n_sections:
Interpolates linearly
momentum across
sections

resize
and interpolate

Input data
tuple(time, data)
([n_sections, n_samples],
[n_sections, n_samples])

Rejection if:
- Size does not match
n_sections

interpolate

Output data
[n_sections,
n_turns+1]