skfda.preprocessing.registration.normalize_warping

skfda.preprocessing.registration.normalize_warping(*warping*, *domain_range=None*)
[source]

Rescale a warping to normalize their domain.

Given a set of warpings $\gamma_i : [a, b] \to [a, b]$ it is used an affine traslation to change the domain of the transformation to other domain, $\tilde{\gamma}_i : [\tilde{a}, \tilde{b}] \to [\tilde{a}, \tilde{b}]$.

Parameters:
- **warping** (`FDatagrid`) – Set of warpings to rescale.
- **domain_range** (*tuple*, *optional*) – New domain range of the warping. By default it is used the same domain range.

Returns: FDataGrid with the warpings normalized.

Return type: (`FDataGrid`)