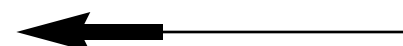


PARAMETERS

translation / rotation / expansion

- Gerrit Noordzij's translation, rotation and expansion are a subset of 2-dimensional sweep-rule variations, such as are articulated by Laxmi Parida for the font design software Vinyas



LAXMI PARIDA'S SWEEP RULE VARIATIONS

Class A

Type A.1 **Translation Invariance** : The generator contour is swept over the spine without any transformation to itself.

Type A.2 **Symmetrical Scaling** : The contour is scaled continuously as it is swept over the spine. It is scaled by equal amounts about the anchor.

Type A.3 **Differential Scaling** : Different amounts of scaling to the distance between the end-points and the anchor is permitted.

Class B

Type B.1 **Normal Direction Invariance** : The contour is always normal to the spine i.e., the contour adjusts its orientation as it sweeps over the spine.

Type B.2 **Normal Direction Invariance with Scaling** : The contour apart from being normal to the spine curve can also be scaled continuously.

Class C

Type C.1 **Rotation** : The contour rotates continuously, as it sweeps over the spine.

Type C.2 **Scaling and Rotation** : The contour rotates and scales continuously as it sweeps over the spine.

