

Metric Compute Confidence Ellipse

Compute the 95 % confidence ellipse in 2 or more dimensions.

The smallest ellipse that will cover 95 % of the data points.

Compute the area or volume of an ellipse based on PCA. Does not require all vertices to be present for all frames.

Metric_Compute_Trajectory_Ellipse /SIGNAL_TYPES= ! /SIGNAL_FOLDER=ORIGINAL !
/SIGNAL_NAMES= ! /COMPONENT_SEQUENCE= ! /RESULT_FOLDER=PROCESSED /RESULT_NAME= !
/EVENT_SEQUENCE= ! /EXCLUDE_EVENTS= ! /START_FRAME= ! /END_FRAME= ;
[For more information see](#)

Resulting Signal

Frame 1 contains volume and average value Starting at frame 2 one frame for each dimension containing the eigenvalue and eigenvector (e.g. scale and unit vector)

From:
<https://has-motion.com/wiki/> - Wiki Documentation Site

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