

TRANSFORMATIONS { ngid - trans-object - model - 3d affine - trans-object - model - 3d projective - trans-object - model - 3d

ATTRIBUTES / PROPERTIES

smallest-bounding-box-object-...

Volume-object-model-3d-rel-plane

max-drameter-object...

distance-object-model-3d

moments-object-model-3d

intersect-plane-object-model-3d

set-object-model-3d-attrib (mod)

get- "
connection-object-model-3d

FEATURES

area-object-model-3d

distance object-model-3d

max-drameter-object-model-3d

moments-object-model-3d

smallest-bounding-box ...

smallest-sphere-object-model-3d

volume-object-model-3d...

mfersect-plane-object-model-3d

MODIFYING POINT CLOUDS

select_object_model_3d

set_object_model_3d_attrib_mod select_pomts_object_model_3d reduce_object_model_3d_by_new sample_object_model_3d smplify_object_model_3d smooth_object_model_3d segment_object_model_3d connection_object_model_3d

MODIFICATIONS/SEGMENTATION

segment_object_model_3d union_object_model_3d fuse_object_model_3d

VISUALIZATION

visualize-object_model_3d (
... [objects], PoseVisuIn, ParNames,
ParValues, Label, Instructions,
PoseVisuOut,...) -> INTERACTIVE

disp-object-model_3d (1 model,
no campar)

display_scene_3d (N models,
several caus f
views)