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Subject: Anboto/Surface updated

Posted by [koldo](#) on Thu, 15 Feb 2024 14:52:51 GMT

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New functions have been added to handle 2D and 3D flat polygons.

They can be concave and convex, with any order (clockwise, counter-clockwise).

Main functions are `ContainsPoint()`, `Area()` and `Centroid()`.

`ContainsPoly()` is based on `Geom/polyalg/ContainsPoly()`, but extended to 3D and with improved detection of the point inside the boundary.

Demo and test are in `Surface_demo_test_cl` package.

In addition, `Surface::AddPolygonalPanel()` has been very improved to mesh concave and convex polygons, at different scales. It uses `Geom/Delaunay`.

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