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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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