sHexPolygon

March 27, 2017

sHexPolygon | *Function to extract polygon location per hexagon within a supra-hexagonal grid*

Description

sHexPolygon is supposed to extract polygon location per hexagon within a supra-hexagonal grid

Usage

```
sHexPolygon(sObj, area.size = 1)
```

Arguments

sObj | an object of class "sMap" or "sInit" or "sTopol" or "sHex"
area.size | an inteter or a vector specifying the area size of each hexagon

Value

a data frame of five columns ('x','y','index','stepCentroid','angleCentroid') storing polygon location per hexagon.

Note

None

See Also

[sHexGridVariant](), [sPipeline]()

Examples

```
sObj <- sTopology(xdim=4, ydim=4, lattice="hexa", shape="suprahex")
df_polygon <- sHexPolygon(sObj, area.size=1)
```