A regular n-sided polygon can be split into n n-part spidrons. In the present paper, it is shown that there exist other linked triangular structures which are distinct from spidrons and which can also be used to subdivide regular polygons. Tiling patterns using such subdivisions are also explored in detail.

References

4. Gangopadhyay, T. On new polygonal designs constructed using spidrons and new tiling patterns generated by them, International journal of Computer Applications, volume162,

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Spidron, polygon, isosceles, subdivision