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Some Euler-type formulas for planar graphs. (English) Zbl 1252.05040
Int. J. Pure Appl. Math. 79, No. 2, 303-308 (2012).

Summary: It is the aim of this note to derive several analytical relations which hold for certain classes of planar graphs.

MSC:

[05C10](#) Planar graphs; geometric and topological aspects of graph theory

[05C75](#) Structural characterization of families of graphs

Keywords:

topological graph; planar graph; Euler-like formulas; analytical relations in graphs; structural properties

Full Text: [arXiv Link](#)