On the pseudoharmonic functions defined on the D^2

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We will consider the pseudoharmonic functions defined on the disk and construct their combinatorial invariant in terms of it the theorem of classification is formulated. The combinatorial invariant of such functions is a finite connected graph with a strict partial order on vertices. Necessary and sufficient conditions for a finite connected graph with a strict partial order on vertices to be a combinatorial invariant of the pseudoharmonic functions will be obtained.

Keywords: a pseudoharmonic function, a combinatorial diagram, a $\mathcal{D}$planar graph.

References

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