

عنوان مقاله:

Magnetic charge effects on thermodynamic phase transition of modified Anti de Sitter Ayón-Beato-García Black Holes with five parameters

محل انتشار:

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خلاصه مقاله:

In this letter we choose generalized Ayon Beato Gracia (ABG)magnetic charged black hole with five parameters to investigate possibility of thermodynamic phase transition and coexistence of different gas/liquid/solid phases of this black hole. In fact this work is an extension of our recently work where ABG black hole with three parameters was used to seek the phase transition. In this work we obtain other physical values on the parameters with respect to our previous work where the phase transition is happened together with coexistence point of different phases in the phase space.

کلمات کلیدی:

Black Holes, Thermodynamics, Phase transition, Ayon-Beato-Garsia, Magnetic charge, Non singularity

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