

**LOW-TEMPERATURE HEAT CAPACITY OF
TWO-DIMENSIONAL (N-Me-2,6-di-Me-Pz)(TCNQ)₂**

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The experimental results of the low-temperature heat capacity of ARS based on TCNQ anion-radical sample (N-Me-2.6-di-Me-Pz)(TCNQ)₂ in the temperature range from 100 mK to 10 K are presented. In the heat capacity lattice and magnetic contributions can be distinguished and interpreted: the first in terms of low-dimensional Debye model, the latter with spin-ladder model. Below $T = 1$ K a hint of λ -anomaly is observed. This λ -anomaly could indicate the three-dimensional magnetic ordering closely linked to the complicated crystal structure in which three different types of TCNQ anions figure.

9.7 cm

13.4 cm

Subject category :

2. Quantum and Classical Spin Systems

Presentation mode :

poster

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