ADDENDUM

Addendum: Vibration isolation system for cryogenic phonon-scintillation calorimeters

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Addendum: Vibration isolation system for cryogenic phonon-scintillation calorimeters

C. Lee, a H.S. Jo, a C.S. Kang, a G.B. Kim, a I. Kim, a,b S.R. Kim, a Y.H. Kim, a,b,1 H.J. Lee, a J.H. So a and Y.S. Yoon a

a Center for Underground Physics, Institute for Basic Science, 70 Yuseong-daero 1689-gil, Yuseong-gu, Daejeon, 34047 Republic of Korea
b Center for quantum measurement science, Korea Research Institute of Standards and Science, 267 Gajeong-ro, Yuseong-gu, Daejeon, 34113 Republic of Korea

E-mail: yhk@ibs.re.kr

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The correct email address for the corresponding author Yong-Hamb Kim is: yhk@ibs.re.kr.

The following references have been added:

References


Therefore the second to the last paragraph of the Introduction should reads as follows:

In the thermal calorimetric measurement with a crystal detector at temperature region of order 10 mK, the vibration can convert to thermal noise from friction and thermoelastic damping between the crystal and its holding structure. A vibration isolation stage should be introduced for the fine measurement of cryogenic detector running in a dry dilution refrigerator. A mechanical stage was devised and tested to isolate the vibration from the 1 K-pot [30, 31]. In the CUORE cryostat which operates five PTRs, the detector unit is mounted to a sophisticated isolation system located at room temperature with special strings connecting room temperature and mK temperature stages [23].

1 Corresponding author.