

The title of your lecture

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A quantitative analysis is performed on phasons in the ternary compound, $A_{40}B_{12}C_{48}$, which has been claimed to be the first strongly correlated quasicrystal [1]. The set of two-dimensional coordinates of A atoms in the atomic resolution Z-contrast STEM image [1] is analyzed with the method proposed in [2] to quantify the linear as well as random phason components in the structure.

Acknowledgements: I am grateful to Somebody for Something.

[1] A. Author, B. Author and C. Author, J. QSC. **1** (2019) 15.

[2] D. Author and E. Author, Journal of Something, **50** (1989) 742.

Fig.1: The image of X.

Fig.2: The figure of Y.