

**Distribution Notes**

This datacube was simulated by Pavel Potapov to mimic a STEM XEDS spectrum-image of a CMOS device.

Reference: Pavel Potapov and Axel Lubk, Optimal Principal Component Analysis of STEM XEDS spectrum-images, *Advanced Structural and Chemical Imaging*, 2019

This data may be used for research and educational purposes. In case this data has contributed noticeably in any work, research or education project, citing the reference is requested.