Publication notification

QUAST

including metadata
(please try to fill in as much as possible, even if not complete)

Publication:

Title: Multidimensional coherent spectroscopy of correlated lattice systems

Journal Reference (URL or DOI): https://doi.org/10.1038/s41524-025-01619-0

arXiv Reference: arXiv:2411.02389

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Academic position / Role in data storage: Professor

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Academic position / Role in data storage: PhD student

Type of data produced: (Please check the corresponding box)

☐ QUAST-funded authors were not directly involved in creating or storing data.

☐ Work is purely analytic. Figures are visualizations of analytic expressions given in the paper.

☐ For original data, please refer to the cited publications.

☐ All data and code shown in the paper are available in [provide link]

☐ Data is available on reasonable request [fill out the missing information below]

☒ Other [please provide an alternative description below]

Data shown in the paper are available at https://doi.org/10.5281/zenodo.15880122

Dataset 1: (Collection of data published/archived together)

Short description of data:
This data set provides the data and the generating python scripts for all the figures in the publication https://doi.org/10.1038/s41524-025-01619-0.

Origin of data (institution): University of Fribourg

(3rd party) Software used: Nessi

☒ additional information included as README with data

Data availability:

☒ published at (DOI) https://doi.org/10.5281/zenodo.15880122

☐ on reasonable request, to corresponding author. Data is archived:

    ☐ according to local policy at institution (as provided).

    ☐ other (Please provide details: location, accessible by, ...)

    ☐ data included in publication or as supplemental online material at the publishers website

Source availability: (own software or scripts, used to generate/process data)

☒ published at (link) https://github.com/nessi-cntr/nessi

☐ archived/published with data   ☐ archived according to local policy at institution (as provided)

☐ other (Please provide details: location, accessible by, ...)

Dataset 2: **(Collection of data published/archived together)**

Short description of data:

Origin of data (institution):

(3rd party) Software used:

☐ additional information included as README with data

Data availability:

☐ published at (DOI)

☐ on reasonable request, to corresponding author. Data is archived:

    ☐ according to local policy at institution (as provided).

    ☐ other (Please provide details: location, accessible by, ...)

    ☐ data included in publication or as supplemental online material at the publishers website

Source availability: **(own software or scripts, used to generate/process data)**

☐ published at (link)

☐ archived/published with data   ☐ archived according to local policy at institution (as provided)

☐ other (Please provide details: location, accessible by, ...)