Publication notification

including metadata

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

QUAST

Publication:

Title:	Keldysh pseudo-fermion functional renormalization group for quantum magnetism
Journal Reference (URL or DOI):	
arXiv Reference:	2503.11596

Contact for data requests:

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Academic position / Role in data storage:	Postdoc

Contact for data requests:

Name:	
Institution:	
E-Mail:	
Academic position / Role in data storage:	

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]

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

Short description of data:

Numerical results of Keldysh PFFRG for all plots shown in the paper.

Origin of data (institution): University of Wuerzburg

(3rd party) Software used: Own implementation of PFFRG solver.

☐ 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 is archived in the local git repository of the institute for theoretical physics in Würzburg.

    ☐ 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, ...)

Source code is archived in the local git repository of the institute for theoretical physics in Würzburg.

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, ...)