

宁波东方理工大学

VPN 访问配置指引

- 1、浏览器中输入 https://vpn.eitech.edu.cn/portal/#/down_client_new 下载客户端，并进行安装。（下载对应的客户端）



- 2、进行登录，账号密码为学校统一身份的账号密码



- 3、拨上 vpn 后，直接在浏览器中输入访问的数据库网址，数据库会自动识别为我校 IP。

APS Journals

Home Journals Authors Referees

PRL ON THE COVER

Hyperon Spin Correlation in High-Energy Heavy-Ion Collisions

28 FEBRUARY 2026

Fluctuating strong-force fields within the quark-gluon plasma (center) lead to characteristic spin correlations, with parallel alignment between two hyperons (top left) and antiparallel alignment in a hyperon-antihyperon pair (bottom right).

Xin-Li Sheng, Xiang-Yu Wu, Dirk H. Rischke, and Xin-Nian Wang
[Phys. Rev. Lett. 136, 082301 \(2026\)](#)
[Issue 8 Table of Contents](#)
[More Covers](#)

Submit your article
 Become a Referee

Email Alerts
 Sign up to receive regular email alerts from APS journals...
 Sign Up

ANNOUNCEMENT
APS Open Science Is Now Open for Submissions!

journals.aps.org/mp/abstract/10.1103/3m4m-3v59

APS Journals All Journals Physics Magazine

Search Article Lookup Sign in

Access Provided by Eastern Institute of Technology Ningbo

Recent Accepted Authors Referees Press About Editorial Team RSS

GO MOBILE ACCESS BY EASTERN INSTITUTE OF TECHNOLOGY NINGBO

Kitaev quantum spin liquids

Yuji Matsuda, Takasada Shibauchi, and Hae-Young Kee

Rev. Mod. Phys. 97, 045003 - Published 3 December, 2025
 DOI: <https://doi.org/10.1103/3m4m-3v59>

PDF

Share

Export Citation

Citations 7

Show metrics

Abstract

Quantum spin liquids (QSLs) represent exotic states of matter where quantum spins interact strongly yet evade long-range magnetic order down to absolute zero. Characterized by nonlocal quantum entanglement and the resultant fractionalized excitations, QSLs have emerged as a frontier in condensed matter physics, bolstered by the recent identification of several candidate materials. This field holds profound implications for understanding strong correlations, topological order, and emergent phenomena in quantum materials. Among them, the spin-1/2 Kitaev honeycomb model, featuring bond-directional Ising interactions, provides a rare exactly solvable QSL example. Its ground state is a topological QSL with spin degrees of freedom fractionalized into emergent Majorana fermions. Under an applied magnetic field, the Kitaev QSL transitions to a topologically nontrivial state...

Outline Information

Abstract
 Article Text
 Introduction
 Quantum Spin Liquid Candidates in...
 Kitaev Model
 Kitaev Physics in Real Materials
 α -RuCl₃: Prime Candidate for the Kitaev...
 Physical Properties of α -RuCl₃ in the...
 Pressure-Induced State
 Magnetic-Field-Induced...
 Topological Signature of Kitaev Quantum...
 Effect of Disorder
 Other Candidate Kitaev Materials
 Perspective
 ACKNOWLEDGMENTS
 References

目前仅以下 3 个数据库在校外访问时需要连接 VPN（我馆其他数据库均已支持 CARS1 直接访问，无需使用 VPN）：

APS 美国物理学会期刊数据库

<https://journals.aps.org>

AMS 美国数学学会期刊数据库

<https://www.ams.org/publications/journals/journals>

MathSciNet 数学评论数据库

<https://mathscinet.ams.org>