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Title
Grover's Search and Ising Models: A Quantum Algorithm for Low-Energy States
Composably Secure Delegated Quantum Computation with Weak Coherent Pulses
Observing tight triple uncertainty relations in two-qubit systems
Quantum data-hiding scheme using orthogonal separable states
How Likely Are You to Observe Non-locality with Imperfect Detection Efficiency and Random Measurement Settings?
Indefinite causal order strategy nor adaptive strategy does not improve the estimation of group action
Toward Neutral Atom Array Quantum Processors in Singapore
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Exponentially Decaying Quantum Simulation Error with Noisy Devices
Quantum Bayes' rule and Petz transpose map from the minimum change principle
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Quantum entanglement and extractable work for Gaussian states
A Retrodictive Approach to Quantum State Smoothing
Analog Quantum Teleportation
Magnetic Field Detection Using a Two-Qubit System Under Noisy Heisenberg Interaction
Quantum cryptographic protocols enabling dual-messaging via 2D alternate quantum walk of a single-photon and generated genuine 3-way entanglement
Distributed Quantum Simulation
Necessary and sufficient conditions for unbiased estimation and its application to phase estimation and noise learnability
Riemannian Optimization for Classical Communication over Quantum Channels
Provably Efficient Adiabatic Learning for Quantum-Classical Dynamics
Entangling different-color photons through single-photon $\chi^{(2)}$ nonlinearity
New perspectives on quantum kernels through the lens of entangled tensor kernels
Local Thermal Operations and Classical Communication
Hybrid Framework for Solving Large-Scale MaxCut Problems on Fewer Qubits
Characterizing High Schmidt Number Witnesses in Arbitrary Dimensions System
Bosonic error mitigation and suppression with linear optics
Macroscopic quantum teleportation with ensembles of qubits
Efficient measure of information backflow with quasi-stochastic process
A tight consecutive measurement theorem and its applications
Near-Optimal Quantum Algorithm for Finding the Longest Common Substring between Run-Length Encoded Strings
Optimized numerical methods for variational quantum algorithms
Entanglement cost of discriminating quantum states under locality constraints

Characterizing Quantum Codes via the Coefficients in Knill-Laflamme Conditions
A linear program for testing nonclassicality with two open-source implementation (based on PRL 132 (5), 050202)
Efficient tailoring and detection of noisy hypergraph states using Clifford circuits
Corrupted Sensing Quantum Tomography
Entanglement-induced exponential advantage in amplitude estimation via state matrixization
A finite sufficient set of conditions for catalytic majorization
Heisenberg-Limited Quantum Metrology without Ancilla
One-Shot Min-Entropy Calculation Of Classical-Quantum States And Its Application To Quantum Cryptography
Performance guarantees of light-cone variational quantum algorithms for the maximum cut problem
Variational expressions and Uhlmann theorem for measured divergences
Generation of anticoherent states from a pulse-based protocol
Quantum Advantage for Linear PDEs: Oracle-Free Framework Supporting Diverse Numerical Schemes and Boundaries
Conclusive exclusion of quantum states with group action
A quantum speedup algorithm for TSP based on quantum dynamic programming with very few qubits
Controllable trainability of variational ion native ansatz
Displaced Gaussian Boson Sampling: Complexity and Applications
Combinatorics for random tensor networks
Signed Designs for Learning Quantum State Properties with Applications
Measurement-Induced Magic Resources
Testing non-Gaussian entanglement and its applications
Device-Independent Causal Inference with Testable Assumptions
Bacon-Shor Board Games
A hybrid quantum walk model combining discrete and continuous quantum walks
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Disti-Mators: entanglement distillation-based state estimators
Information gain and superpositions of unitaries
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Online Learning of Pure States is as Hard as Mixed States
Zero-Noise Extrapolation with Indirect-Control System
Ising optimization via quantum compressive sensing
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Error-mitigated quantum state tomography using neural networks
Enhancing Quantum State Discrimination with Indefinite Causal Order
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