

SOLVING QUADRATIC UNCONSTRAINED BINARY OPTIMIZATION BY DIGITAL AND GPU ANNEALERS WITH AI

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In this talk, I will delve into the combinatorial optimization problems formulated in the quadratic unconstrained binary optimization (QUBO) framework and solve them by the digital and GPU annealers. I will present a comparative analysis of digital annealers versus traditional annealers, focusing on their performance across a range of classical NP-hard problems. Additionally, I will show some recent results about the AI predictions for QUBO initialization.

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