

Optimizing a quantum reservoir computer for time series prediction

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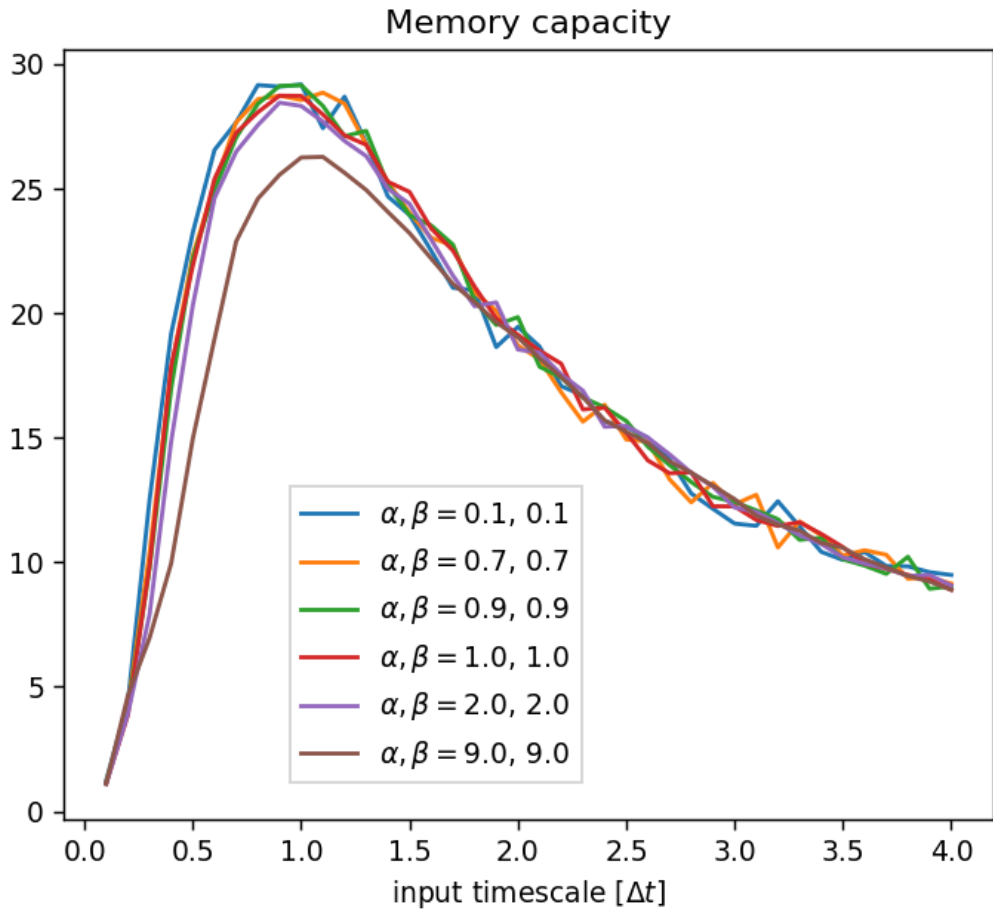
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Supplementary material



Memory capacity as a function of the input timescale Δt when the inter spin interactions J are sampled from from Beta-distribution with values $(\alpha, \beta) = \{(0.1, 0.1), (0.7, 0.7), (0.9, 0.9), (1.1), (2, 2), (9, 9), (100, 100)\}$, while keeping the value of $h = 0.5$ fixed.