

Upper Bounds

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- 1 round and n^2 linear measurements suffice

- $O(\log n)$ iterations of power method suffice:

- $O(\log n)$ rounds and $O(nk)$ linear measurements per round suffice

What is the measurement vs. trade?

• Nothing is known for linear measurements

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 - 1 round and n^2 linear measurements suffice
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- What is the measurements-vs-rounds tradeoff?
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Our Result

- Essentially, no intermediate tradeoff