Convex Hull

Lower Bound

- Reduction

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θ1-F-θ1

❖ Linear-time reduction from problem A to problem B, denoted as $A \leq_N B$

each input/output instance of A/B can be translated

into an input/output instance of B/A in linear time

Input of A	$O(n)$ →	Input of B

Worst-case optimal algorithm
$T(n) = \omega(n)$

Any algorithm

Output of A	← $O(n)$	Output of B