

# Algorithmic game theory

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13th lecture

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- If  $F_1 = \dots = F_n = F$  is regular, then **Vickrey's auction with reserve**  $\varphi^{-1}(0)$  maximizes the expected revenue among all single-item auctions.

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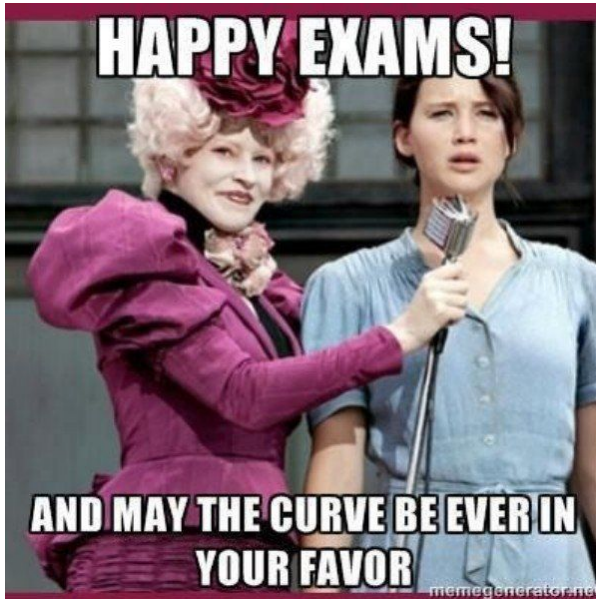
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- **What you should know:** everything that we covered (everything is included in the lecture notes).

**HAPPY EXAMS!**

**AND MAY THE CURVE BE EVER IN  
YOUR FAVOR**

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Thank you for your attention.