Lecture 30

Global Extrema

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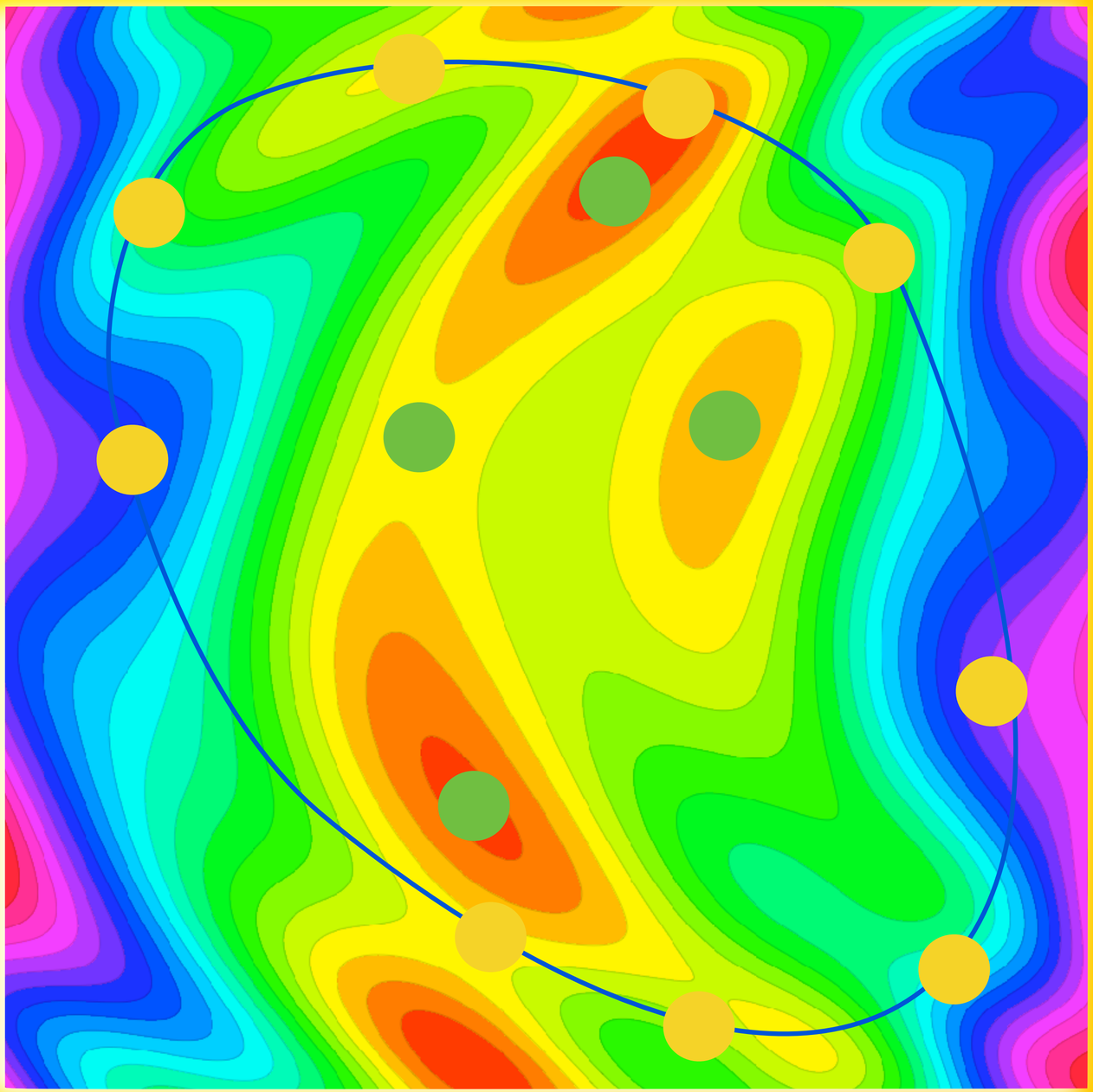
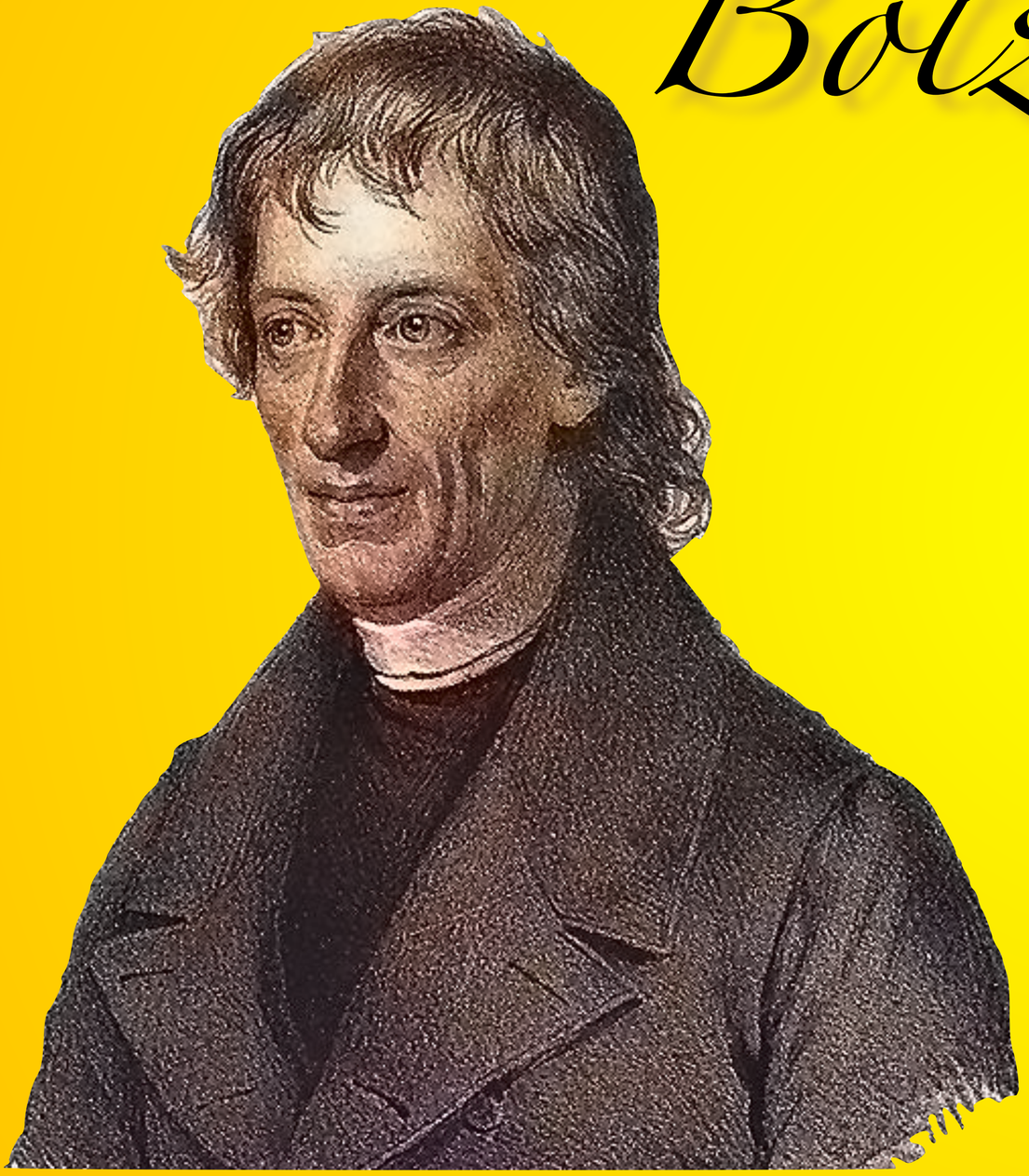
Global Extrema

Global maxima

When finding global maxima, we also need to look at the boundary or at infinity.



Bolzano Theorem

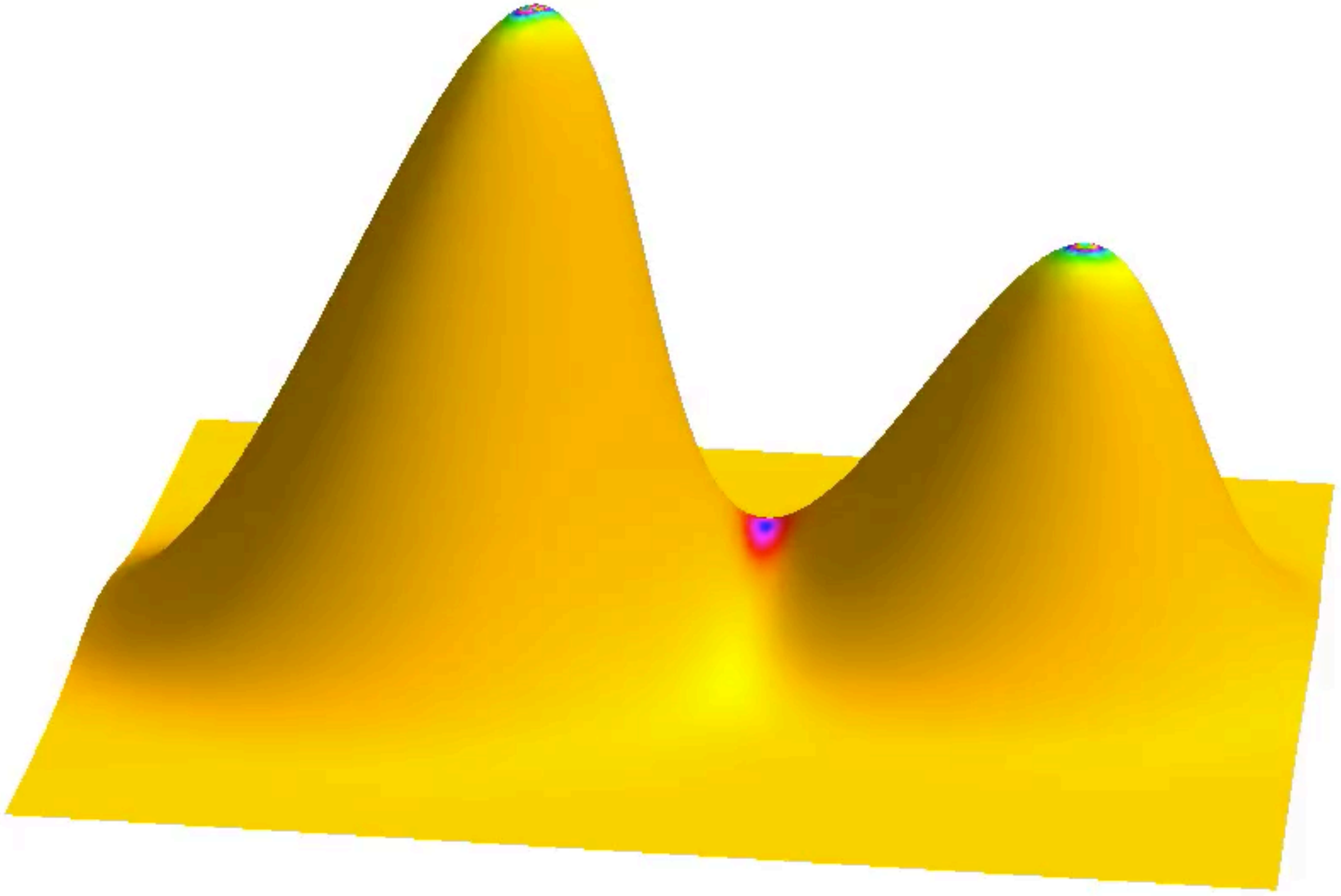


Extremal Value Theorem: A continuous function on a closed and bounded domain has both a global maximum and a global minimum.

Bernard Bolzano
1781-1848

Island Math

Island Theorem



Spectacle Island

Spectacle Island Range Lights, Boston Harbor.

THE END