

A Topological Hierarchy for Functions on Triangulated Surfaces

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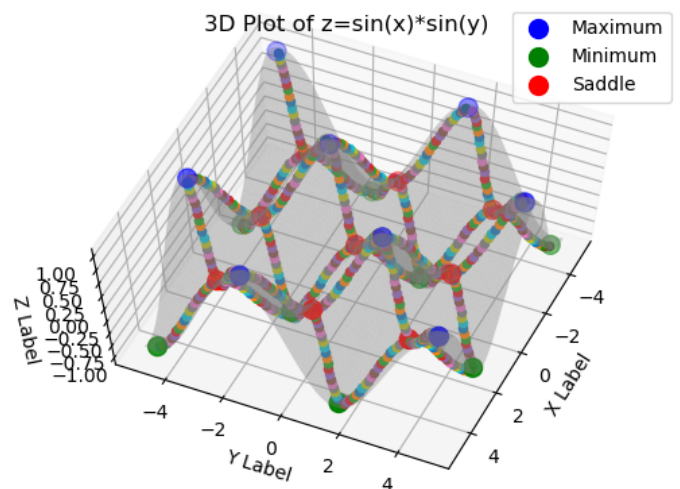
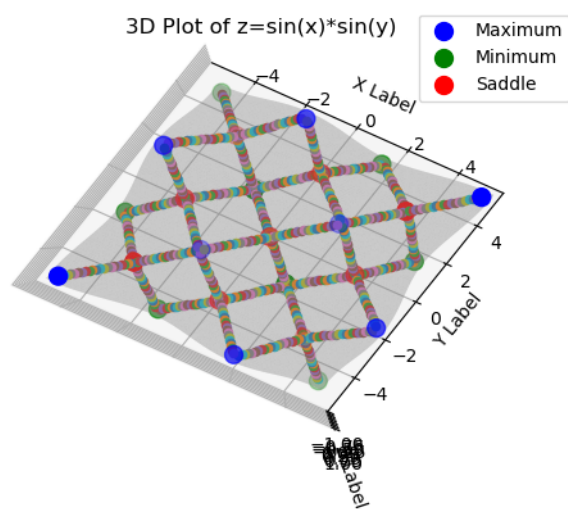
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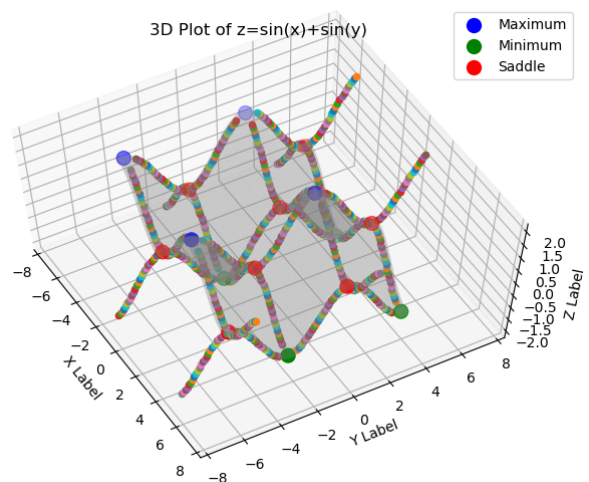
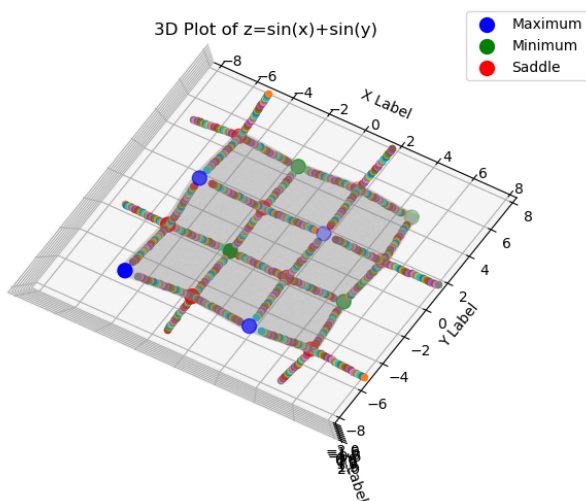
[Please Click Here for a Video Demo of our code](#)

SCREENSHOTS OF THE RESULTS OF THE CODE:

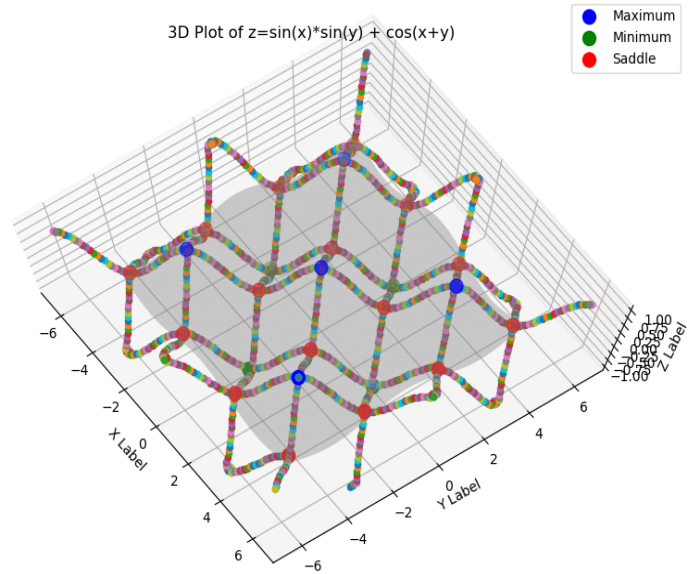
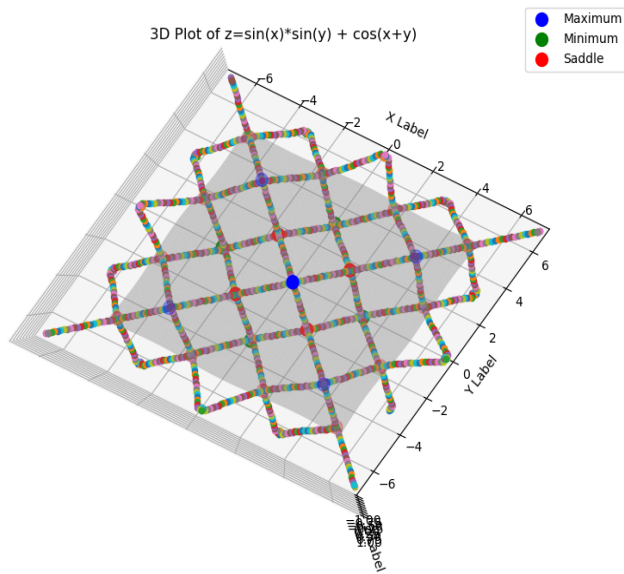
1. $\sin(x) \cdot \sin(y)$



2. $\sin(x) + \sin(y)$



3. $\sin(x) \cdot \sin(y) + \cos(x+y)$



4. $\cos(x) \cdot \sin(y) + 0.2 \cdot (x+y)$

