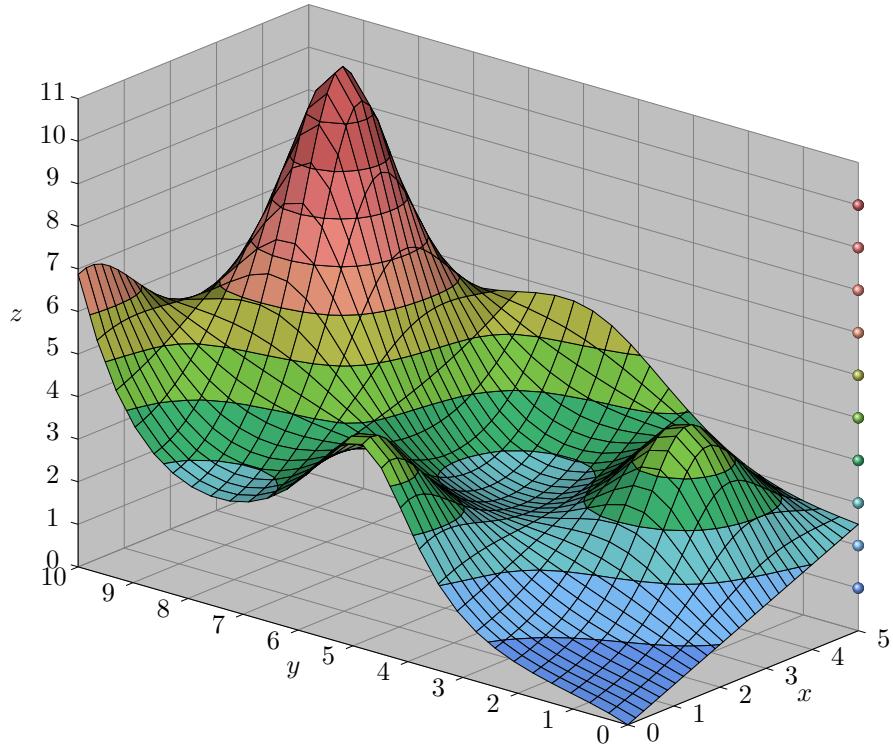


I. Motivations

Originally, this project was born out of a desire to enhance [luadraw](#) with a set of color palettes to easily produce something like the following 3D plot.



Technically, a finite list of colors is provided to [luadraw](#) which then uses linear interpolation to calculate the intermediate colors. In the previous case, the finite color palette used is defined as follows.



Using this palette, [luadraw](#) is able to produce the following spectrum, allowing us to create the graph above.

