Ghosh's canyon function

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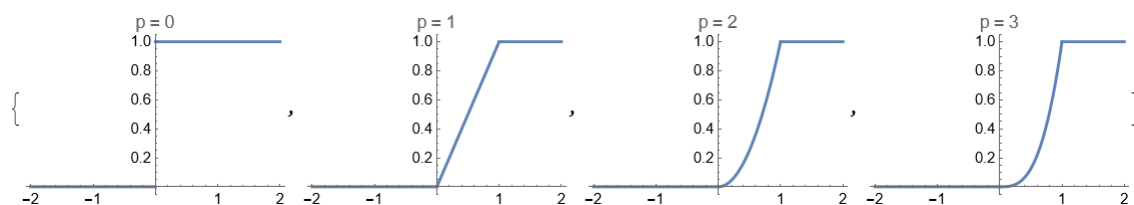**Abstract**

In this paper, I describe my canyon function.
The paper ends with "The End"

Ghosh's canyon function

Ghosh's canyon function is a generalization of the Heaviside theta function.
My canyon function is

$$f(x) = \begin{cases} 0 & x \leq 0 \\ x^p & 0 < x \leq 1 \\ 1 & x > 1 \end{cases}$$

Plots of the canyon function

The End