



Quasiconcave Functions

1 Why

2 Definition

A function is quasiconcave if its result on any point of a line segment is larger than its result on either of the endpoints.

℔Notation

A function $f : \mathbf{R}^n \rightarrow \mathbf{R}$ is quasiconcave if $f(v) \geq \min\{f(w), f(z)\}$ for all v on the line segment $[w, z]$.