



## Quasiconcave Functions

### 1 Why

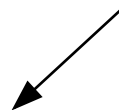
### 2 Definition

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

ℳNotation

A function  $f : \mathbf{R}^n \rightarrow \mathbf{R}$  is quasiconcave if  $f(v) \geq \min\{f(w), f(z)\}$

Quasiconcave Fu



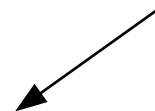
Functions



Relations



Ordered Pairs



Unordered Pairs

Empty Set

