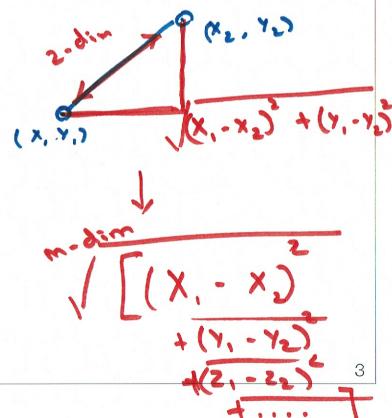


- Do define "similarity" you need a measure of distance
- Examples of common distance measures
 - Manhattan Distance
 - Eucledian Distance
 - Chebyshev Distance



Chebysler (or) the Chambourd dist.

madin

max (1x,- x21, 17, - Y21, (2,-221,)

77

Minkowski

X X, Y₂ X_n Y_n

$$\left(\sum_{i=1}^{\infty} |x_i - y_i|^p\right)_p$$

17 P= 2

=> Eucledian dist.

7 P= 1

> Manhatter dist.

17 P: 00

> Cheboshov dist.

roughly begin by compling Connativity based ~ 200,000 roughly begin by compling Centrold bases 5 x 1000 dist. -

