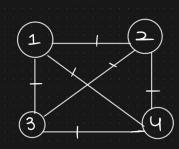


Min Degree - 0

## Properties of complete graph



 $\sim \rightarrow \#$ 

$$=)\frac{2}{4 \times 3} = 6$$

$$\frac{\text{Sum of Degree}}{\text{Jun of Degree}} = \frac{4 \times 3}{\text{Jun Degree}} = 12$$

$$\# \text{ model} \qquad \text{each mode}$$

$$= \frac{m}{\omega + (\omega - 1)}$$

Relationship b/w # edges & # vertices

$$= \frac{V(V-1)}{2}$$

complete

By taking log on both sides;

$$log E = O(log v)$$