

# Probability and Random Processes

## ECS 315

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## 2 Review of Set Theory



### Office Hours:

BKD, 6th floor of Sirindhralai building

Tuesday 9:00-10:00

Wednesday 14:20-15:20

Thursday 9:00-10:00

# Hmmm...

When someone at Reuters designed this, they probably didn't expect that it would be interpreted as a Venn diagram.

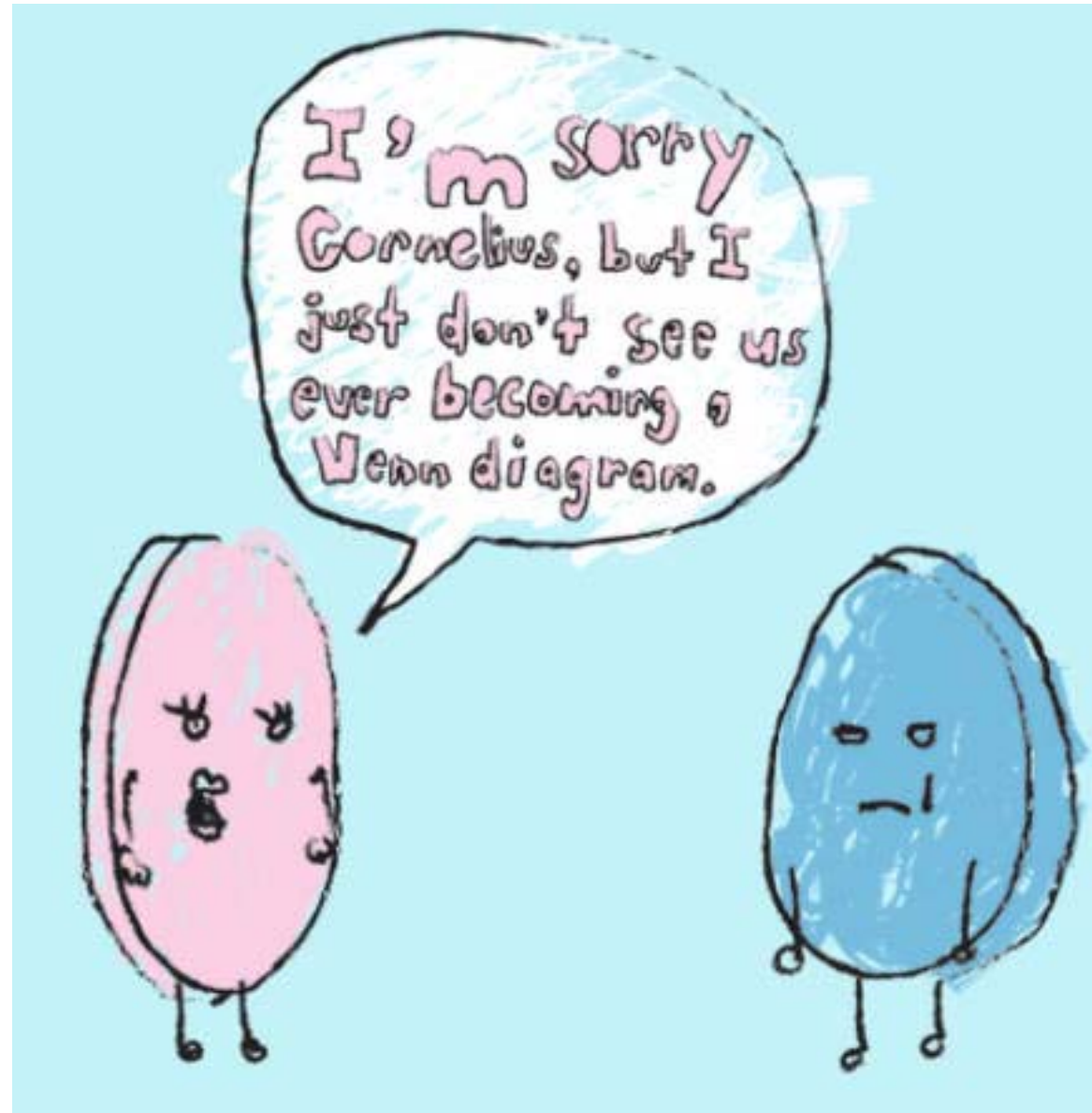


Just what are its values?

[<http://gizmodo.com/when-someone-at-reuters-designed-this-they-probably-di-1624314532>]



# Breaking Up via Venn Diagram

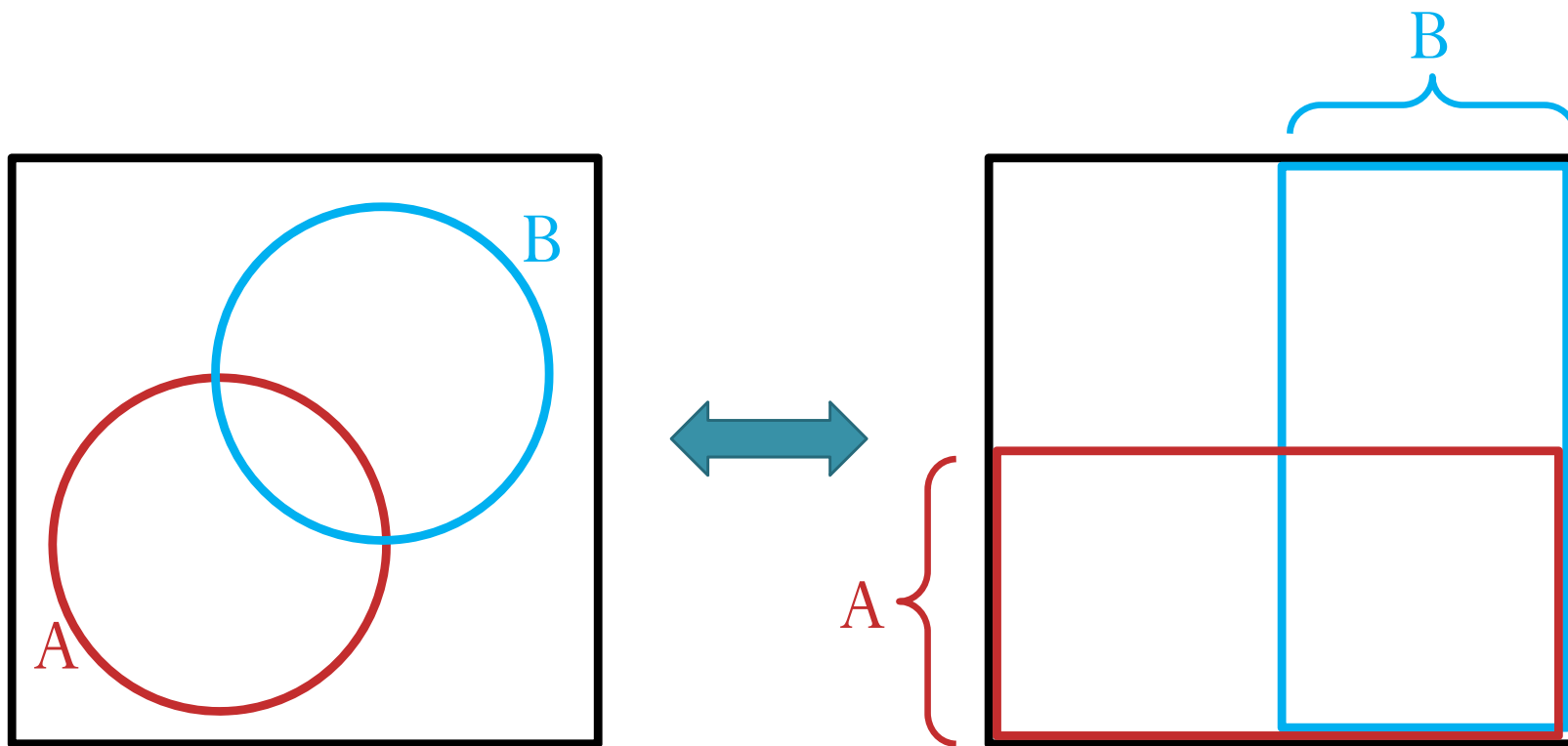


# Partitions

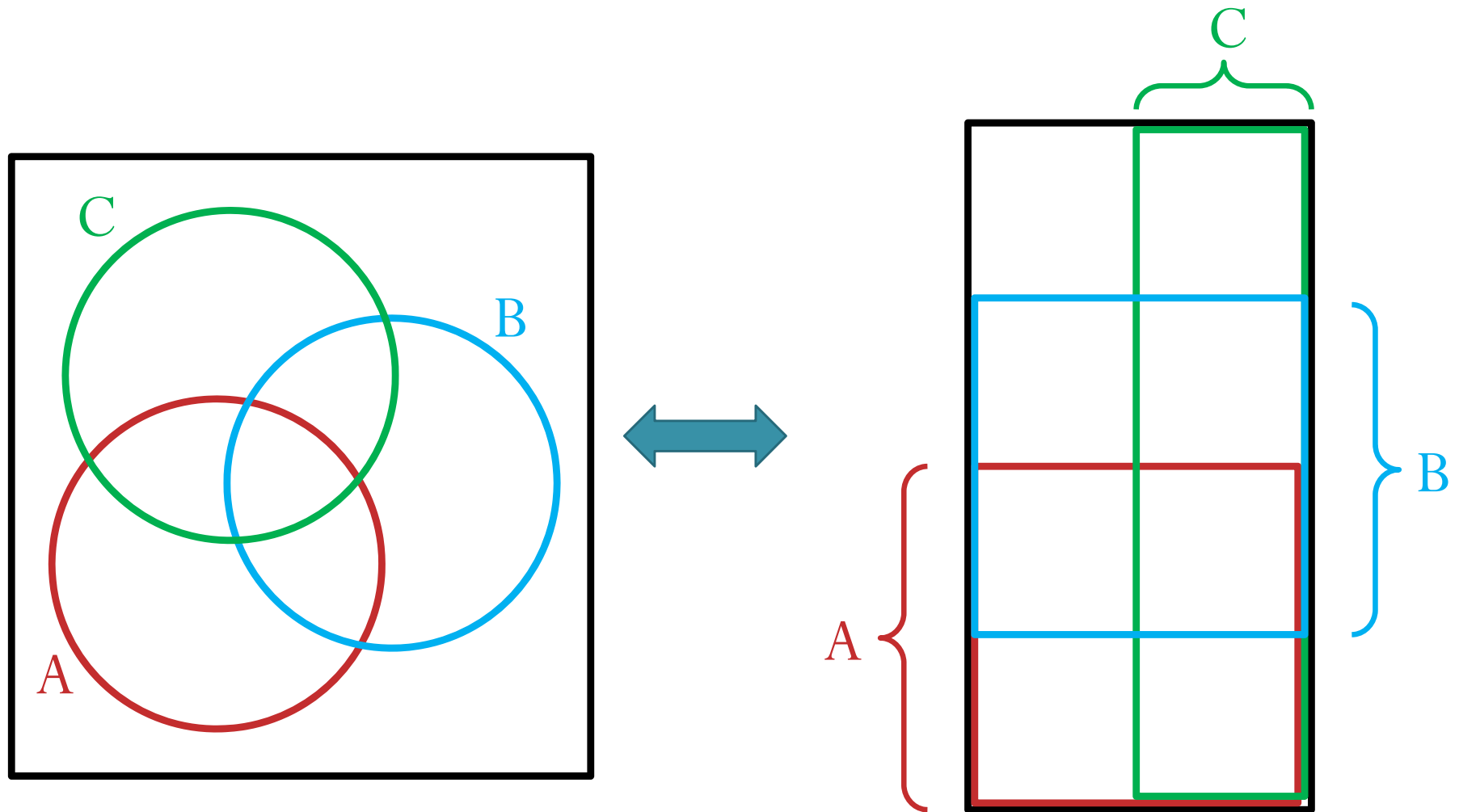




# “K-Map”-Style Venn Diagram

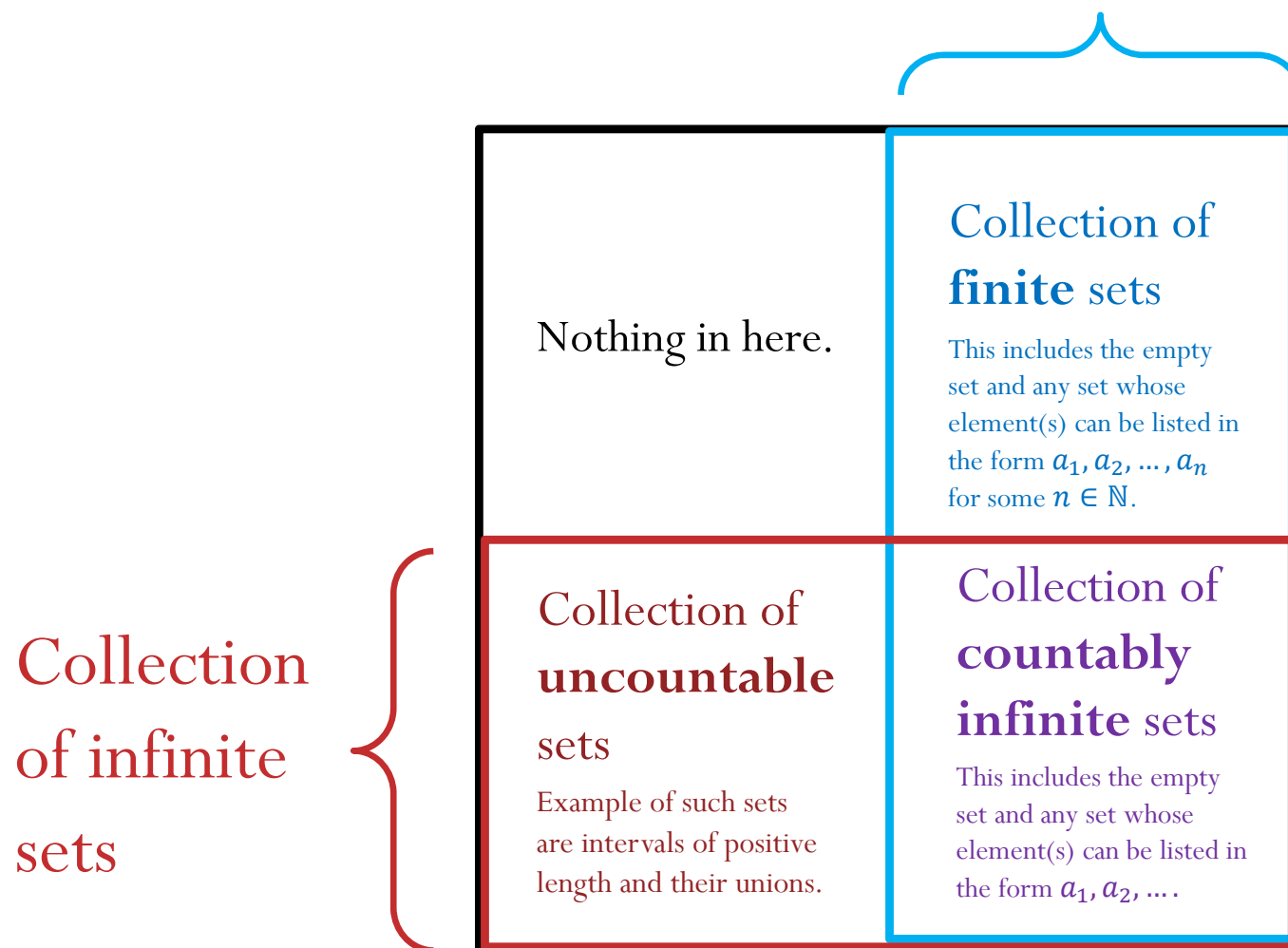


# “K-Map”-Style Venn Diagram



# Infinite Sets and Countable Sets

Collection of countable sets



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