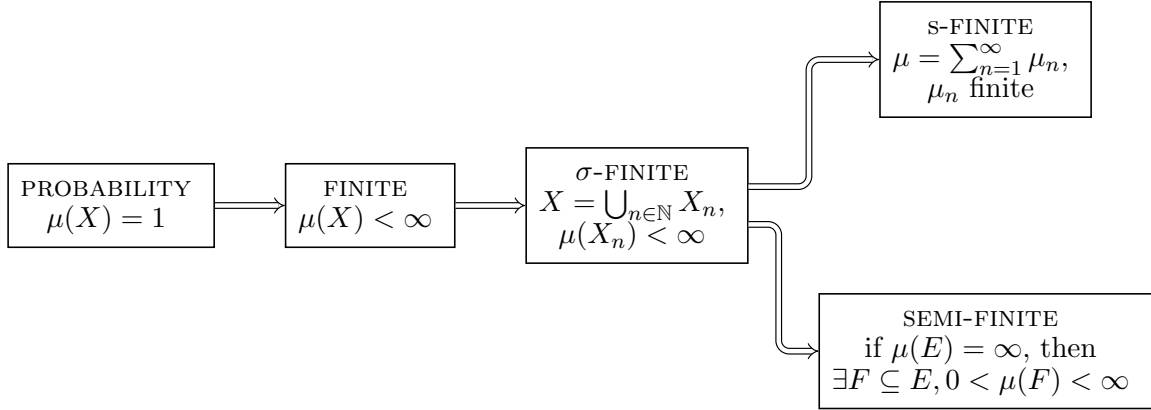
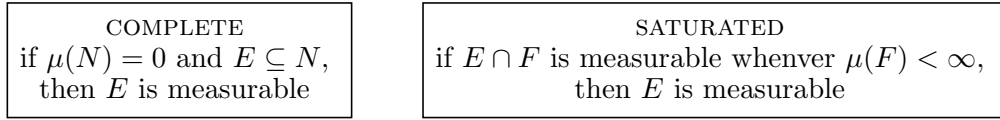


## TAXONOMY OF MEASURES

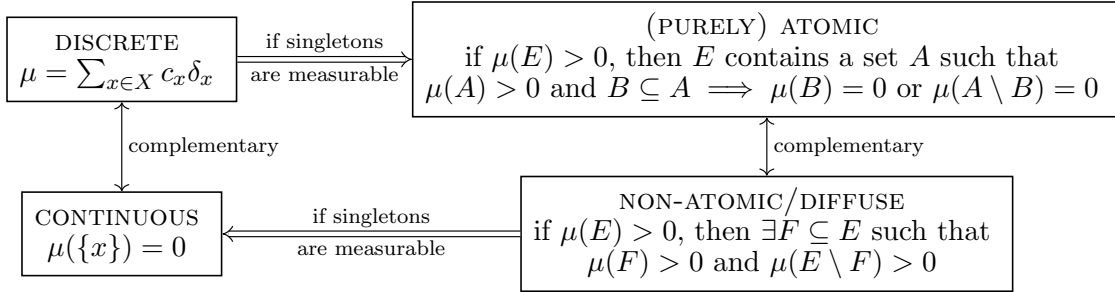
### FINITENESS CONDITIONS



### MEASURABILITY CONDITIONS



### CONTINUITY CONDITIONS



### REGULARITY CONDITIONS (FOR BOREL MEASURES)

|                |                                                           |
|----------------|-----------------------------------------------------------|
| LOCALLY FINITE | $\mu(K) < \infty$ for compact $K \subseteq X$             |
| OUTER REGULAR  | $\mu(E) = \inf\{\mu(U) : U \supseteq E \text{ open}\}$    |
| INNER REGULAR  | $\mu(E) = \sup\{\mu(K) : K \subseteq E \text{ compact}\}$ |