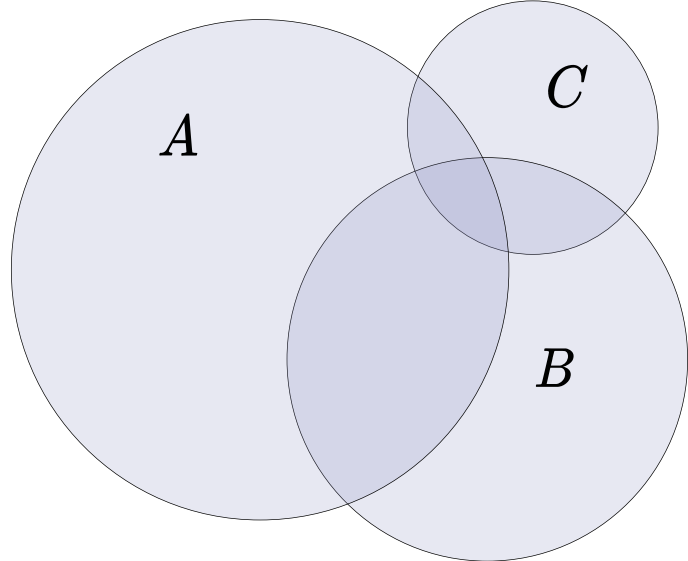
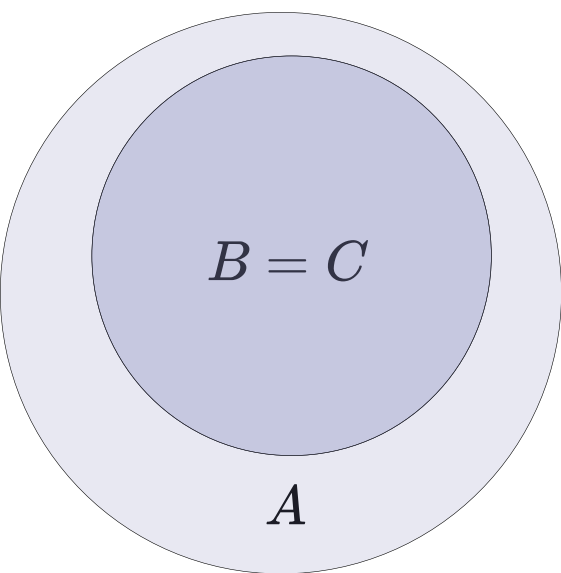


Example

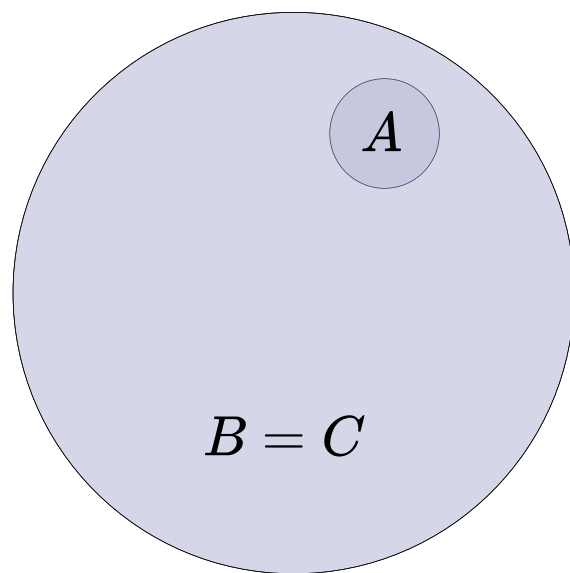


Counterexample

$$\begin{array}{l} B \subseteq A \\ C \subseteq A \end{array}$$



Positive edge case



Negative edge case