

Summer Session Week 1

Homework

June 2021

Let Ω be the universe, and A, B, C be subsets. Draw the Venn diagrams for $C \setminus (B \setminus A)$ and $(C \setminus B) \setminus A$. Is there any relationship between these two sets? Prove it. Then, look back at the Venn diagram for the set $(C \setminus B) \setminus A$. Find another formula for this set, then prove that the formulas are equal.