# MultiSet-Venn Analysis 

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## Abstract

This paper defines the union and intersection of multiple sets.

$$
\delta_{A B}^{i}=\delta_{A}^{i} \delta_{B}^{i}
$$



The top panel is the Hadamard product of a Kronecker term in Einstein notation. The middle panel is the union of two and multiple sets. Lastly, the bottom panel is the intercept of two and multiple sets.

