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## 1.2.1 Venn Diagrams

Venn diagrams are very useful in visualizing relation between sets. In a Venn diagram any set is depicted by a closed region. Figure 1.2 shows an example of a Venn diagram. In this figure, the big rectangle shows the universal set  $S$ . The shaded area shows another set  $A$ .

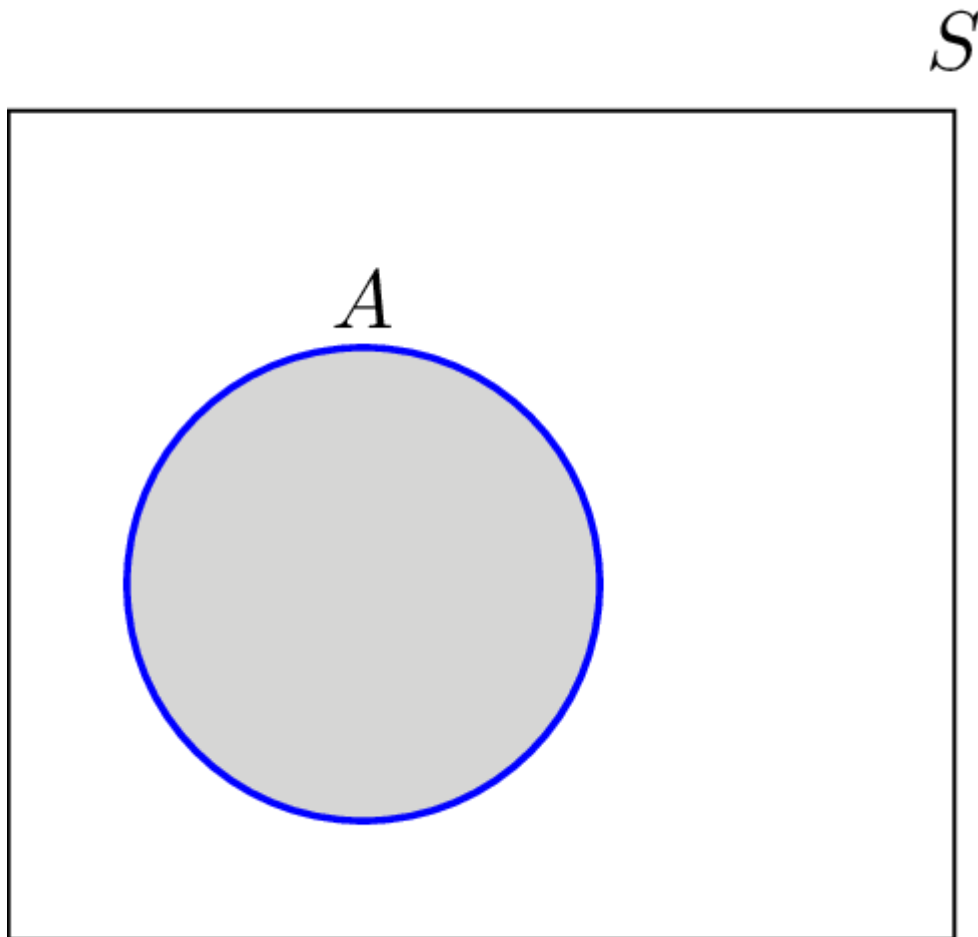


Fig.1.2 - Venn Diagram.

Figure 1.3 shows two sets  $A$  and  $B$ , where  $B \subset A$ .

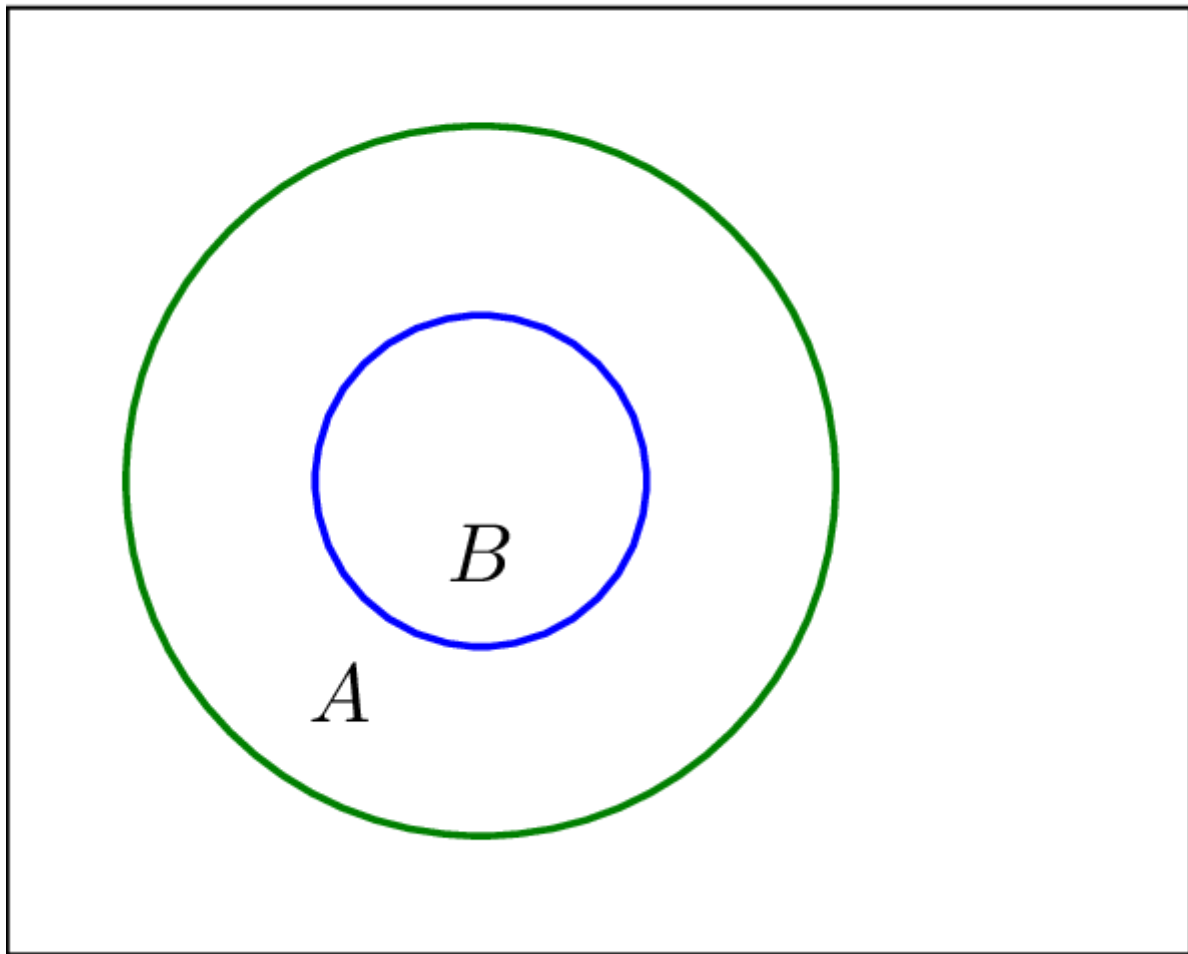


Fig.1.3 - Venn Diagram for two sets  $A$  and  $B$ , where  $B \subset A$ .

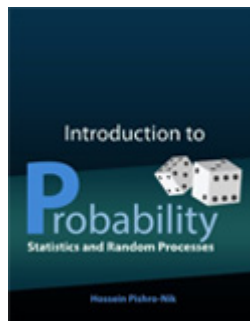
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