

## Set Symmetric Differences

## 1 Why

We want to consider the elements of a set and another set which are in either, but not in both.

## 2 Definition

The *symmetric difference* of a set with another set is the union of the difference between the latter set and the former set and the difference

## Set Symmetric Differences **Set Complements** Set Unions Set Specification Set Inclusion Set Equality Sentences Sets Identity Objects

between teh former and the latter.