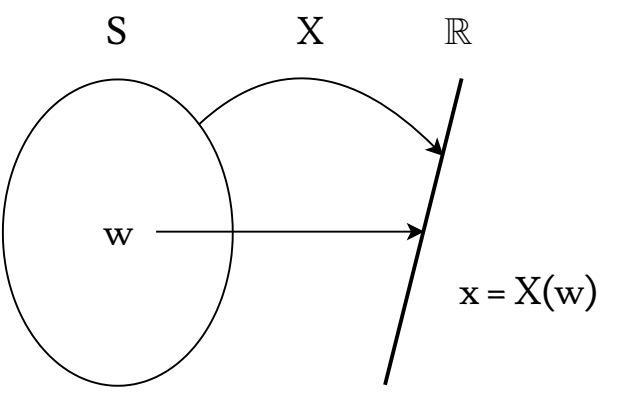


S X \mathbb{R} w

$$x = X(w)$$


The diagram shows a set S on the left, represented by an oval. Inside S is an element w . A curved arrow labeled X originates from the set S and points to a diagonal line on the right, which represents the real line \mathbb{R} . A straight arrow originates from the element w and points to a specific point on the diagonal line. To the right of this point is the equation $x = X(w)$.