



A diagram showing a rectangle divided into four regions by two intersecting curves. The curves are dark blue. One curve starts at the left edge, goes up and to the right, then curves down and to the right, ending at the bottom edge. The other curve starts at the top edge, goes down and to the right, then curves down and to the right, ending at the bottom edge. The two curves intersect in the center of the rectangle. The regions are labeled S_1 , S_2 , S_3 , and S_4 .

S_1

S_3

S_2

S_4