



A diagram showing a rectangle divided into four regions by two intersecting curves. The curves intersect at a point in the lower-right quadrant. One curve starts at the left edge and ends at the top edge, while the other starts at the bottom edge and ends at the right edge. The regions are labeled S_1 , S_2 , S_3 , and S_4 .

S_1

S_3

S_2

S_4