Report

For this lab, we are trying to find a random secret vector u such that a\*u = s and b\*u = t, where s and t are bits 0 1. Vectors a and b are fixed vectors provided in the book. The function secret\_vector is a recursive function that generates a random vector u within GF(2) until a\*u = s and b\*u = t.

HandWork: Multiplying a0 and b0 vectors by a “random” u vector to produce the wanted s and t value. For the sake of the handwork and time, we used vectors that we knew would produce the solutions.



