## A PROBLEM

## SELA FRIED

**Problem**. Let n be a positive integer. In how many ways can we write the numbers  $1, 2, \ldots, 2n$  as the elements of a  $2 \times n$  matrix such that no two consecutive numbers are in the same column?

<sup>\*</sup>Department of Computer Science, Israel Academic College, 52275 Ramat Gan, Israel. friedsela@gmail.com.