Additional Problems.

Problem 7.6. Is it possible to put beans on the squares of an 8×8 grid so there is the same number of beans in any two columns and a different number of beans in any two rows?

Problem 7.7. (a) There are 3 books on a shelf. In how many ways can the books be rearranged so that no book remains in its original place? (b) What if there are 4 books on the shelf? (c) What if there are 5?