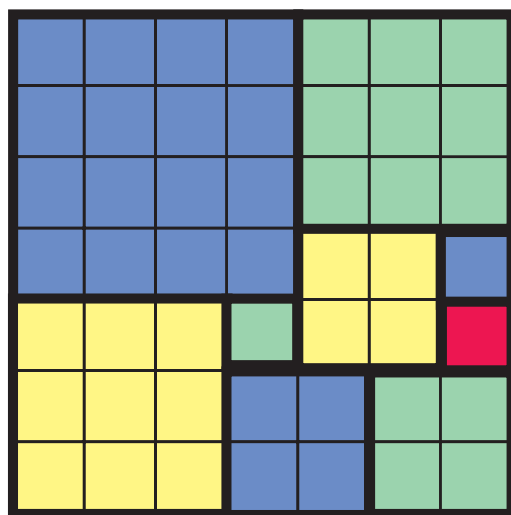


Problem of the Week

Proposed by Bernardo Ábrego and Silvia Fernández

March 13-20



Cover the 89×89 square with square tiles whose sides are integer length. The tiles should not overlap and at least two tiles must be used. (We show a solution for a 7×7 square.) Multiple solutions are allowed and encouraged. The solution using the least number of tiles wins.

This contest is sponsored by the Mathematics Department. Open to all CSUN students.

Winner gets \$5 or an equivalent prize. All complete and correct solutions get a certificate.

Type and send your solution before March 20th, 9:00PM to silvia.fernandez@csun.edu.

All steps of the solution must be clearly justified.

For rules, winners, solutions, and more information visit: www.csun.edu/math/probweek