



Year: 2005

Vol.: 67

Fasc.: 3-4

**Title:** On problem of multiple lattice circle arrangements

**Author(s):** Ágota H. Temesvári

We deal with lattice circle arrangements which form a  $k$ -fold covering (with closed circles) and a  $(k + 1)$ -fold packing (of open circles) for some suitable values of  $k$ . The centres of these special circle arrangements give the points of regular plane patterns yielding the least limiting variance in case of a special plane stochastic process.

**Address:**

Ágota H. Temesvári  
Institute of Mathematics  
University of West Hungary  
Sopron  
Hungary