

## **An algorithm for best packings?**

**Bob CONNELLY**  
Cornell University  
Department of Mathematics  
Malott Hall  
Ithaca, NY 14853  
U.S.A.

There are wide range packing problems where the goal is to find the most dense packing of finite number of disks in a a given container. There are additionally a wide range of techniques that are available, both new and old. For example, packing a finite number of congruent disks in a flat torus lends itself to some simple techniques from rigidity theory that have a hope of applying to larger packing problems in  $E^d$ . If the packing gods are smiling, some old problems could be accessible.