

We consider $4\mathbb{Z}^n$ periodic cube packings in R^n by translates of cubes $[0, 2]^n$. The total number of translation orbits of cubes is at most 2^n and if it is 2^n then we have a tiling of R^n . A cube packing is called extendible if one cannot add any more cubes to it without overlapping with the existing list.