

In 1694, Gregory and Newton discussed the following problem: Can a rigid material ball be brought into contact with thirteen other such balls of the same size? Gregory believed “yes”, while Newton thought “no”.

Please Check attached image to see the kissing numbers for n dimensions

Let B^n denote the n-dimensional unit ball centered at the origin of E^n . The kissing numbers

$$\kappa^*(B^n) \text{ and } \kappa(B^n)$$

denote the translative kissing number and the lattice kissing number of B^n .

Thus Summarizing [<https://arxiv.org/abs/2407.17340>]:

n	2	3	4	5	6	7	8	9	24
$\kappa^*(B^n)$	6	12	24	40	72	126	240	272	196560
$\kappa(B^n)$	6	12	24	??	??	??	240	??	196560

I Propose a method to find

$$k^*(B^n)$$

by using gravity in n-dimensions along with turbulence of the central sphere.