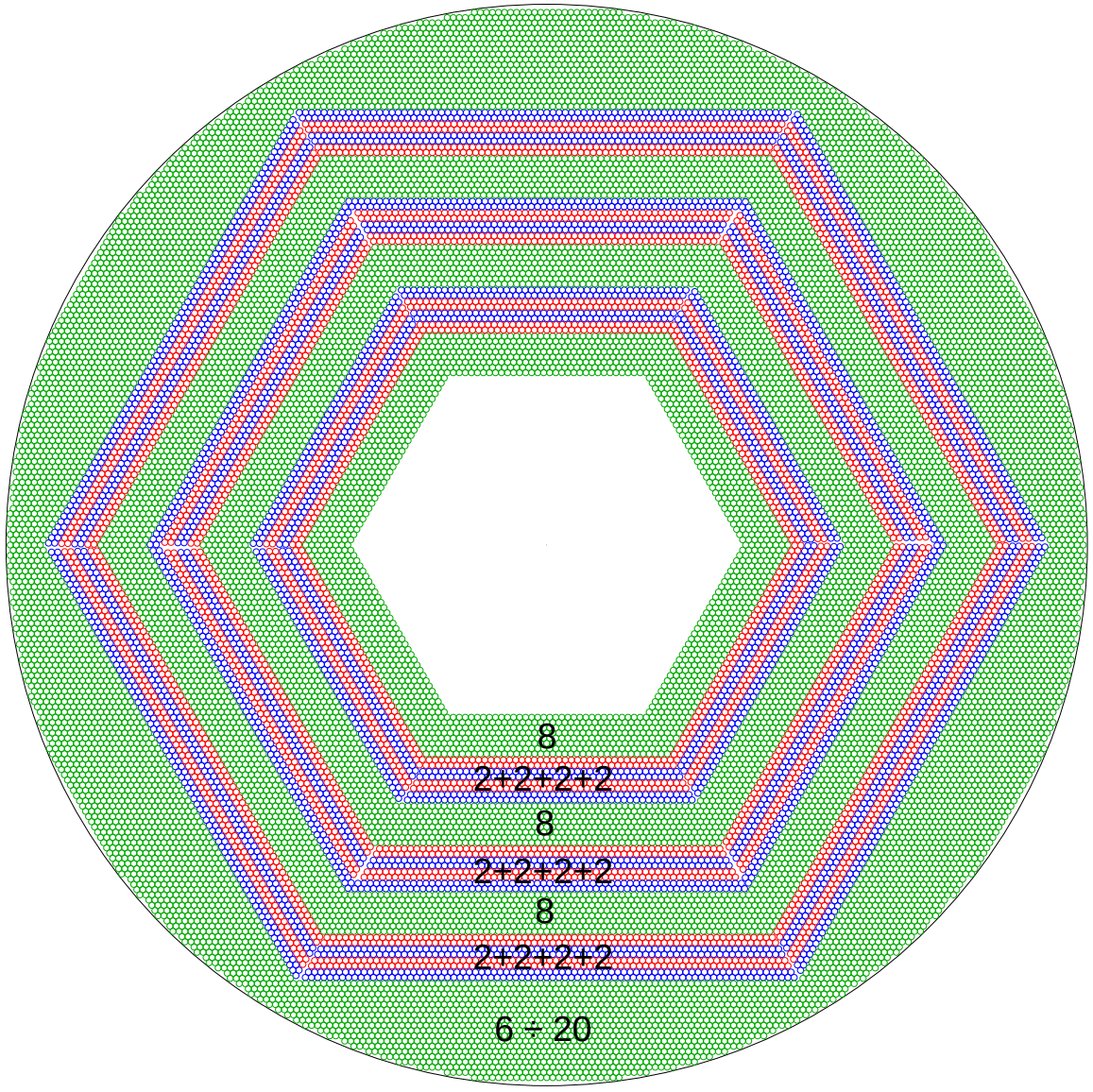
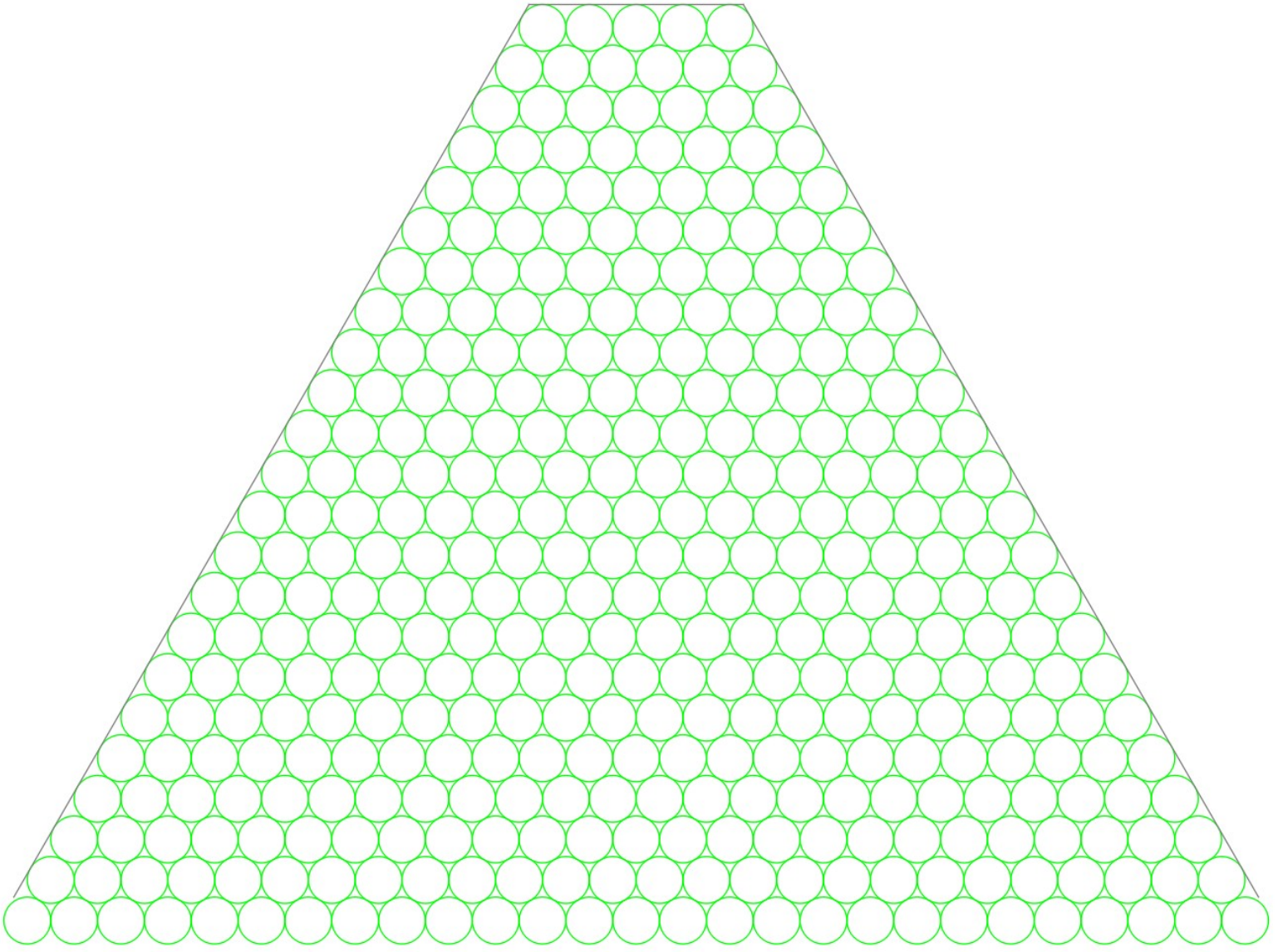
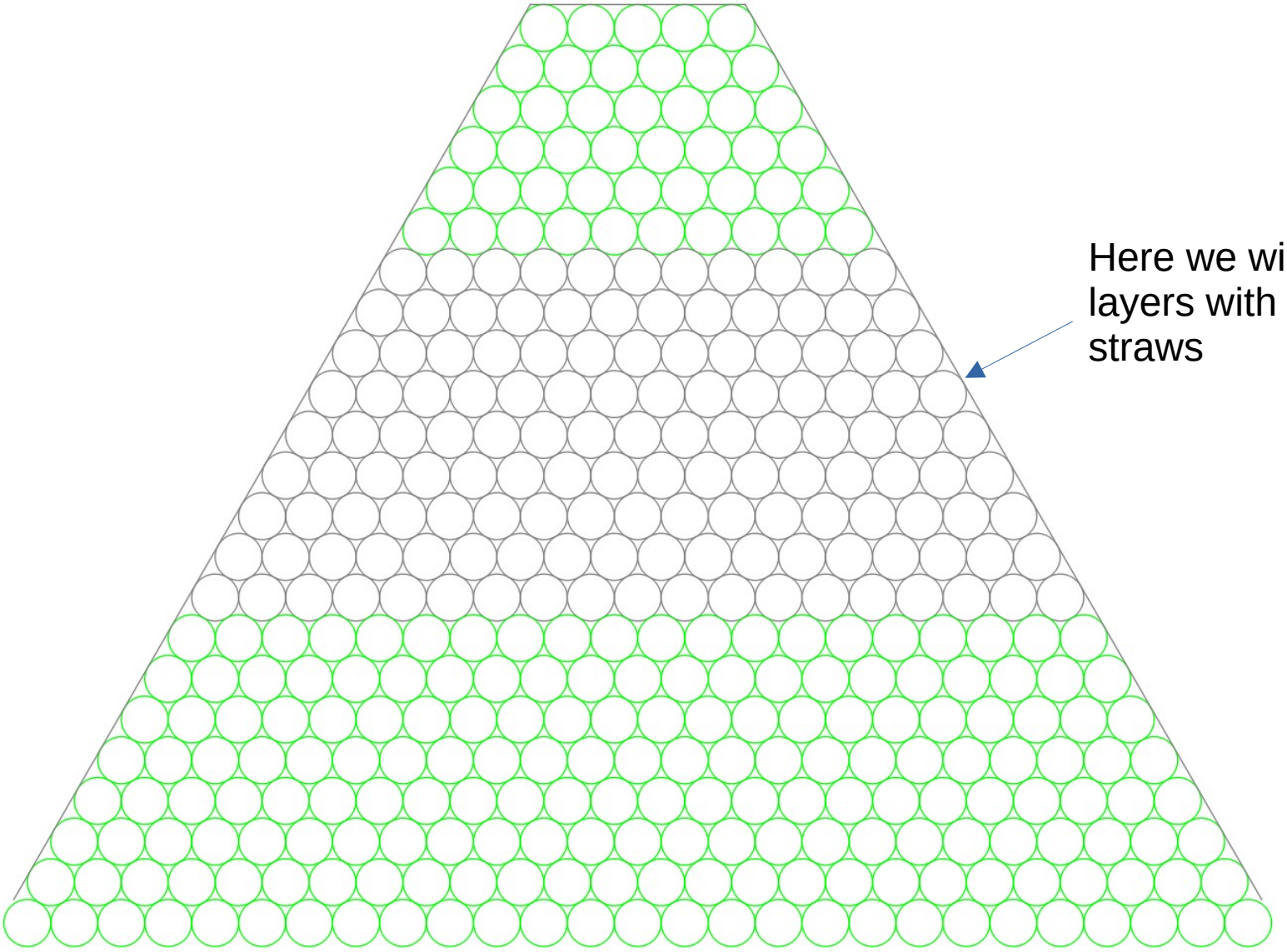
Completely new version of straw tracker geometry

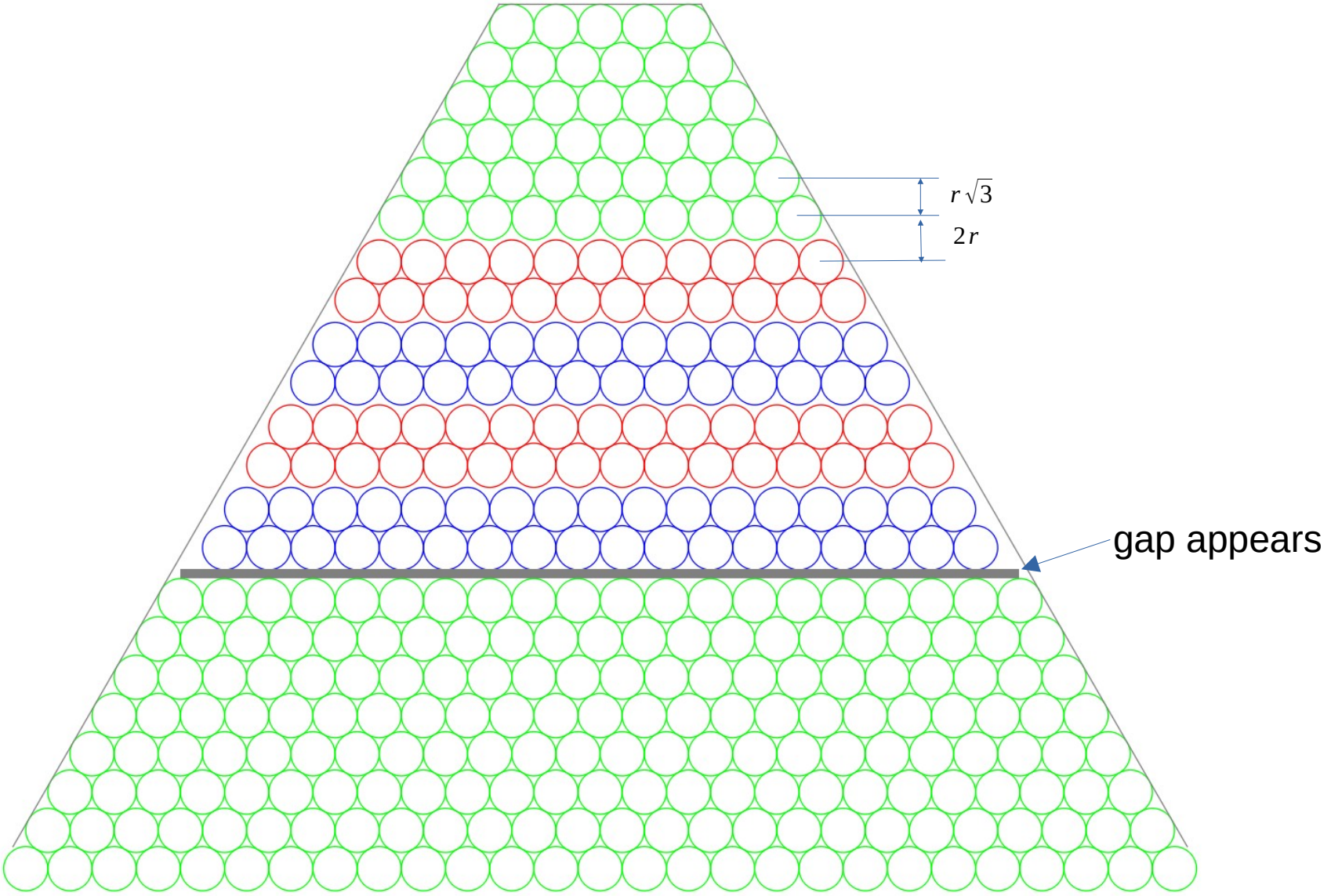
r_uv / r_z = 1.0263

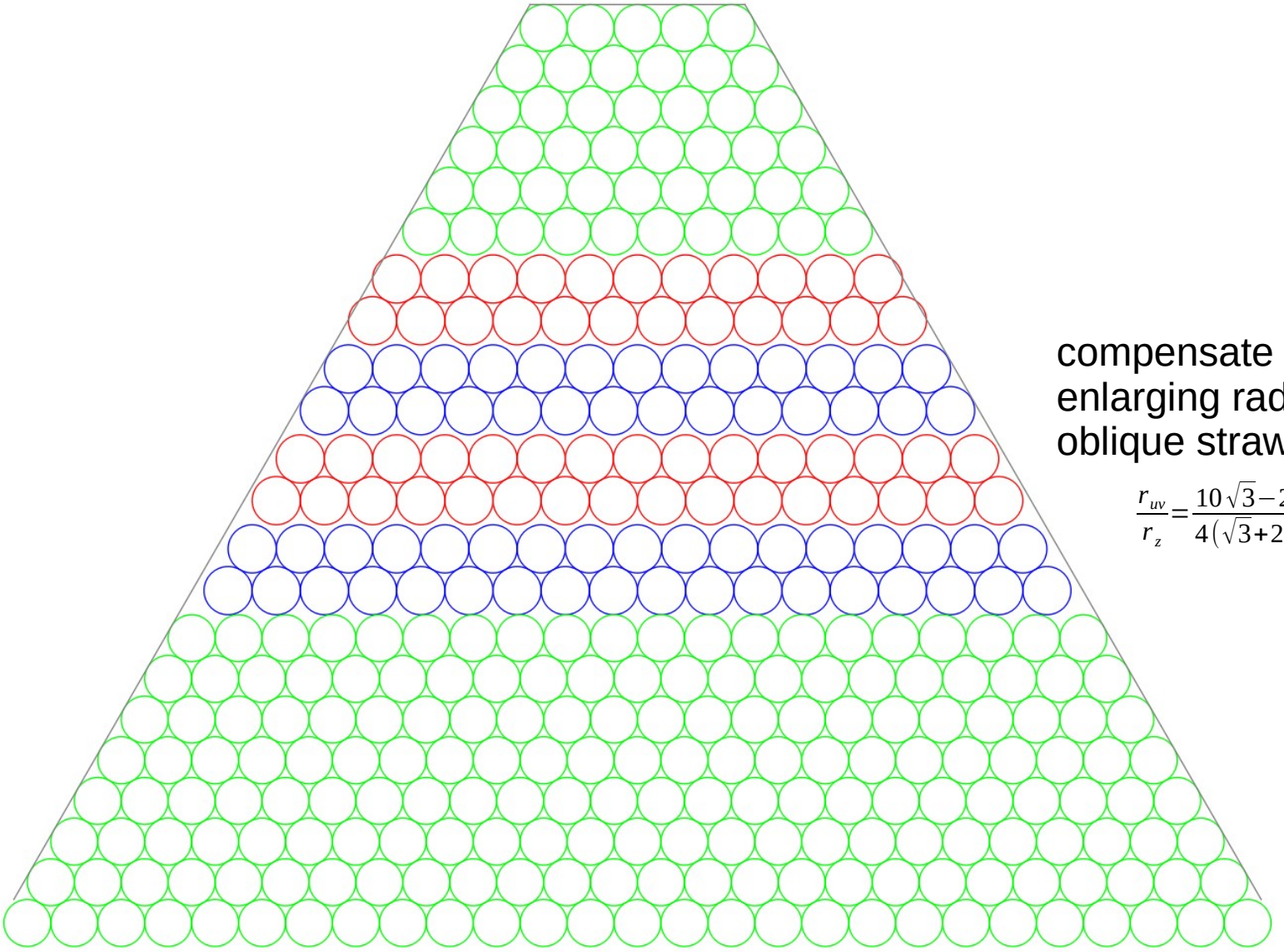


z tubes form dense (honeycomb-like) packing everywhere.
This enhances rigidity of the structure.
Tricky thing is how to insert u/v layers into this structure.




Here we will place layers with oblique straws


$r\sqrt{3}$
$2r$
gap appears



compensate for gap by enlarging radius of oblique straws

$$\frac{r_{uv}}{r_z}=\frac{10\sqrt{3}-2}{4\left(\sqrt{3}+2\right)}=1.026$$