

Main equations

$$a = \frac{N}{A} \tag{1}$$

The equation $\sigma = ma$ follows easily.

Nomenclature

| | |
|----------|---|
| σ | The total mass of angels per unit area |
| A | The area of the needle point |
| a | Not the number of angels per unit area |
| m | The mass of one angel |
| N | Not the number of angels per needle point |