

## Main equations

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

The equation  $\sigma = ma$  follows easily.

## Nomenclature

|          |   |
|----------|---|
| $\sigma$ | 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 |