

## 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