

## Main equations

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

The equation  $\sigma = ma$  follows easily.

## Nomenclature

$\sigma$	The total mass of angels per unit area	$\text{kg m}^{-2}$
$A$	The area of the needle point	$\text{m}^2$
$a$	The number of angels per unit area	$\text{m}^{-2}$
$m$	The mass of one angel	$\text{kg}$
$N$	The number of angels per needle point	