Main equations

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

The equation $\sigma = ma$ follows easily. , see equation (32)

Nomenclature

σ The total mass of angels per unit area, see equation (1), page 1

A The area of the needle point

a The number of angels per unit area, see equation (1)

m The mass of one angel

N The number of angels per needle point, page 1