

Avstånd A punkt - plan

$$A = \frac{|ax_0 + by_0 + cz_0 + d|}{|n|} =$$
$$= \frac{|ax_0 + by_0 + cz_0 + d|}{\sqrt{a^2 + b^2 + c^2}}$$

Sats 6
sid 78

$$a) A = \frac{|1 + 0 - 1 - 2|}{\sqrt{1^2 + 1^2 + (-1)^2}} = \frac{2}{\sqrt{3}}$$

$$b) A = \frac{|2 \cdot 1 + 2 \cdot 1 + 1 - 3|}{\sqrt{2^2 + 2^2 + (-1)^2}} = \frac{2}{3}$$