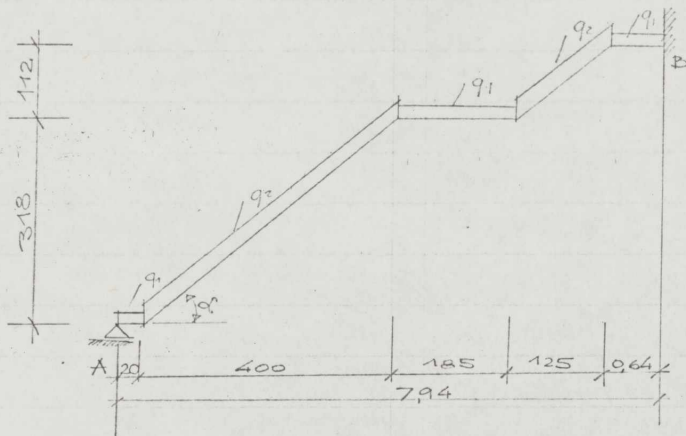


K 225; QR 40; 803-153

Trap



$$\tan \alpha = \frac{318}{400} = 0,795 \quad \alpha = 37^\circ$$

$$\cos \alpha = 0,809$$

Belasting

e.g. plaat	$0,20 \times 2400 / 0,809$	$= 600 \text{ Kg/m}'$
nb.		$= 400 \text{ Kg/m}'$
treden	$2200 \times 0,09$	$= 200 \text{ Kg/m}'$
afw		$= 100 \text{ Kg/m}'$
		<hr/>
		$q_1 = 1300 \text{ Kg/m}'$

e.g. plaat	$0,20 \times 2400$	$= 480 \text{ Kg/m}'$
nb.		$= 300 \text{ Kg/m}'$
afw		$= 80 \text{ Kg/m}'$
		<hr/>
		$q_2 = 860 \text{ Kg/m}'$

Doorbuiging

$$18 = \frac{4000}{8 \cdot 35000} \times 0,5 \times 794 \times 0,85$$

$\gamma = 2,15$

