TABEL 1: FISIESE KONSTANTES

NAAM	SIMBOOL	WAARDE
Gravitasieversnelling	g	$9{,}8 \text{ m·s}^{-2}$
Permittiwiteit vir vry ruimte	ε_0	$8{,}85 \times 10^{-12} \text{ Fm}^{-1}$

TABEL 2: FORMULES

KRAG

$F_{net} = ma$	$p = mv$
$f_s{}^{maks} = \mu_s N$	$f_k = \mu_k N$
$F_{net}\Delta t = \Delta p$ $\Delta p = mv_f - mv_i$	$F_g = mg$

ARBEID, ENERGIE EN DRYWING

$W = F\Delta x \cos\theta$	$U = mgh \quad \text{of} \quad E_P = mgh$
$K = \dfrac{1}{2}mv^2 \quad \text{of} \quad E_k = \dfrac{1}{2}mv^2$	$\Delta K = K_f - K_i \quad \text{of} \quad \Delta E_k = E_{kf} - E_{ki}$
$M_E = E_k + E_p$	$P = \dfrac{W}{\Delta t}$
$P_{gem} = Fv_{gem}$	

ELASTISITEIT, VISKOSITEIT EN HIDROULIKA

$\sigma = \dfrac{F}{A}$	$\varepsilon = \dfrac{\Delta \ell}{L}$
$\dfrac{\sigma}{\varepsilon} = K$	$\dfrac{F_1}{A_1} = \dfrac{F_2}{A_2}$

ELEKTROSTATIKA

$C = \dfrac{\kappa\, \varepsilon_o A}{d} \quad \text{en} \quad C = \dfrac{\varepsilon_o A}{d}$	$E = \dfrac{V}{d}$
$C = \dfrac{Q}{V}$	

STROOMELEKTRISITEIT

$R = \dfrac{V}{I}$	$q = I \, \Delta t$
$W = VQ$ $W = VI \, \Delta t$ $W = I^2 R \, \Delta t$ $W = \dfrac{V^2 \Delta t}{R}$	$P = \dfrac{W}{\Delta t}$ $P = VI$ $P = I^2 R$ $P = \dfrac{V^2}{R}$
$R_s = R_1 + R_2 + ...$ $\dfrac{1}{R_p} = \dfrac{1}{R_1} + \dfrac{1}{R_2} + ...$	

ELEKTROMAGNETISME

$\phi = BA$	$\varepsilon = -N \dfrac{\Delta \phi}{\Delta t}$
$\dfrac{V_s}{V_p} = \dfrac{N_s}{N_p}$	