**Antwoorden oefeningenles 5:**

13.25: ω = 4.29 rad/s

k = 0.918 kg/s²

A = 0.817 m

E1: v0 = 0.437 m/s

13.51: Mbalk = 821 kg

E2: N= 23.9

13.73: θ0 = 14.05 °

14.66: m = 2.214 g

E3: F = 28.8 N

14.75: t = 50.9 s

E3’: vB = 55.7 km/u

E4: l1 = 3.40 m

l2 = 4.25 m

14.54: I1 = 6.37 kW/m²

I2 = 4.91 W/m²

E5: d2 = 500 m