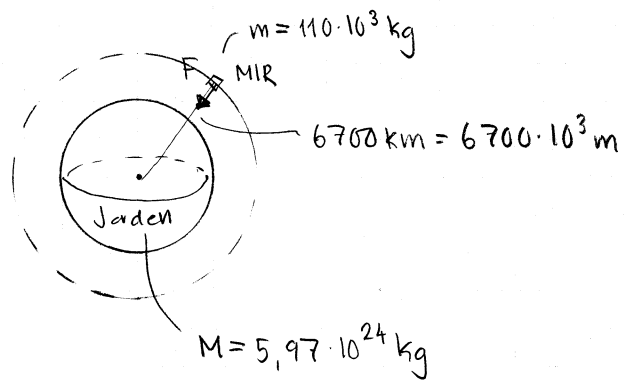


B2002-2



Gravitationskraften på MIR:

$$F = G \frac{Mm}{r^2} = 6,673 \cdot 10^{-11} \frac{5,97 \cdot 10^{24} \cdot 110 \cdot 10^3}{(6700 \cdot 10^3)^2} \text{ N} = 0,98 \cdot 10^6 \text{ N}$$

Svar: 0,98 MN