StoBe

Mr. 201 Shizze:

Luammer

ShB

Vn=V2

mn

Jww mz

O-6-0-0-0

Vie=Vie

DES: pi+pi= pe+pe

=> $m_1 \vec{v}_1^2 + m_2 \vec{v}_2^2 = m_1 \vec{v}_1^2 + m_2 \vec{v}_2^2$ $\vec{v}_1^2 = \vec{v}_2^2$ $m_1 \vec{v}_1^2 + m_2 \vec{v}_2^2 = (m_1 + m_2) \vec{v}_2^2$ $\vec{v}_1^2 = \vec{v}_2^2$

=> V2e = my Via + my Via = 2500 /s. 138 5 + 800 /s. (-835)

Z500 /s. 138 5 + 800 /s

Vze=30,6 am (8,5 m)

AV1=(30,6-50) hu = -19,4 hu

DV2= (30,6-(-30)) hm = +60,6 km

Nr.3a) 1

$$\frac{969: V_1^2 = 4\frac{m}{5} \quad m_1 = 402}{V_2^2 = 0 \quad m_2 = 602}$$

Ssg: clashsch:

$$V_1 = \frac{(m_1 - m_2) \cdot V_1^2 + 2m_2 V_2^2}{m_1 + m_2} = \frac{(0.04 - 0.06) h_3 \cdot 4 \frac{m}{2} + 2.006 h_3 \cdot 0}{(0.04 + 0.06) h_3}$$

$$\frac{1}{V_2} = \frac{(m_2 - m_1) \cdot V_2^2 + 2 \cdot m_1 v_1^2 - (0,06 - 0,04) h_8 \cdot 0 + 2 \cdot 0,04 h_8 \cdot 4 \frac{m_1}{3}}{(0,04 + 0,06) h_8}$$

unelashisch:

Nr.4, Shitze. Zentraler Mastischer Stof my 20 mg 12=0 Ve = (m2-m). V2+2m1. 4°
(m1+m2) (Ball) (Fußballspirk) => [m2-m2 = m] [m2+m2 = m] => 1/2 = -m, 1/2 + 2m, 1/2) 1/2 = 0 V2e = Zm149 = Z1/9 = 2.30 fm = 60 fm