Inforce i myntyrue anonunoteurs.

Oua-parum unayruol a cuohoeser que cononunoteurs

Manc. y ron yntyroro pacceenis na nemopl. 19 conisc

Meyntyrue emonunoteurs, notor peanyrus

(asconomo)

$$m_1 \vec{v_1} + m_1 \vec{v_2} = m_1 \vec{v_1} + m_2 \vec{v_2}$$
 (3cu)

6 obyen 2× 4 3× repuon cyrae ogusznaruoro pemennt mer (oyeunbaen no con-by repenement)

в спучае уенър. ("побового") столиновения, т.е. спорости капр.

peneme:

$$v_{i}' = -v_{i} + 2v_{c}$$
 $v_{c} = \frac{m_{i}v_{i} + n_{i}v_{i}}{m_{i} + m_{2}} = \frac{p}{m}$

част, спучай: на пополизующе частизу-мишень

$$v_1' = \frac{m_1 - m_2}{m_1 + m_2} v_1$$
 $v_2' = \frac{2m_1}{m_1 + m_2} v_1$

2) amornioleure co comencos:
$$v'_1 = -v_1 + 2v_2$$

(ascomerus)

$$m_{1}\vec{v_{1}} + m_{2}\vec{v_{2}} = M\vec{v}$$
 (3Cu)
$$\vec{v} = \frac{m_{1}\vec{v_{1}} + m_{2}\vec{v_{2}}}{M} - y_{1} mace$$

$$OK = K - K_1 - K_2 = \frac{MV^2}{2} - \frac{m_1 v_1^2}{2} - \frac{m_1 v_2^2}{2} =$$

$$= \frac{(m_1 + m_1)}{2(m_1 + m_2)^2} - \frac{m_1 x_1^2}{2} - \frac{m_2 x_1^2}{2} = \frac{m_1 x_1^2}{2(m_1 + m_2)^2} - \frac{m_1 x_1^2}{2(m_1 + m_2)} = \frac{m_1 x_1^2}{2(m_1 + m_2)} = \frac{m_1 x_1^2}{2(m_1 + m_2)} = -\frac{m_1 x_1^2}{2(m_1 + m_$$

$$\frac{p^2}{2m} - \frac{p^2}{2m} = \frac{p^2}{2m} \left(1 - \frac{m}{m}\right) = \frac{1}{2m}$$

gamenum, amo

$$\frac{p^2}{2m} \left(1 - \frac{m}{m} \right) = \frac{m^2 v^2}{2} \left(1 - \frac{m_q}{m_{4+m_q}} \right) = \frac{m^2 v^2}{2} = \frac{m^2 v^2}{2}$$

планим образом в оперено решения почнет перейот помо инпетическая опереня опиченя. двинния частия.

Bennopune guarparens

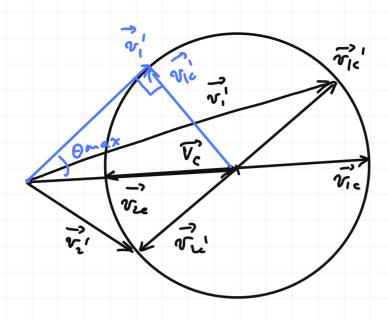
$$\vec{p}_1 + \vec{p}_2 = \vec{p}_1^1 + \vec{p}_2^1$$

$$\frac{p_1^2}{2m_1} + \frac{p_2^2}{2m_1} = \frac{p_1^{12}}{2m_1} + \frac{p_2^{12}}{2m_2}$$

$$\frac{p_1^2}{2m_1} = \frac{p_1^2}{2m_2} + \frac{p_2^2}{2m_2}$$

e cym

m, 7m2



Mancumannoni yron paceznes