Saurapund & Stobe in SP-Sylun:

Definition
$$\vec{R} = \frac{\sum m_i \vec{r}_i}{\sum m_i} \Rightarrow \vec{V} = \frac{d}{dt} (\vec{R}) = \frac{\sum m_i \vec{r}_i}{\sum m_i} = \frac{\sum m_i \vec{v}_i}{\sum m_i}$$

Solvengraph (Contex-of-Mass)

Setrulle E. M. EMP in idean gravitationsfeld

$$\frac{\vec{T}_{AQ}}{\vec{T}_{AQ}} = \frac{\vec{T}_{AA}}{\vec{T}_{AA}} = m_2 \cdot \vec{\alpha}_2^2 = \vec{\sigma}_2^2 - \vec{\alpha}_4^2 = \left(\frac{1}{m_A} + \frac{1}{m_2}\right) \vec{T}_{AA}$$

$$\frac{\vec{T}_{AQ}}{m_A + m_2} = m_A \cdot \vec{\alpha}_2^2 = \vec{\sigma}_2^2 - \vec{\alpha}_4^2 = \left(\frac{1}{m_A} + \frac{1}{m_2}\right) \vec{T}_{AA}$$

$$\frac{\vec{T}_{AQ}}{m_A + m_2} = m_A \cdot \vec{\alpha}_2^2 = \vec{\sigma}_2^2 - \vec{\alpha}_4^2 = \left(\frac{1}{m_A} + \frac{1}{m_2}\right) \vec{T}_{AA}$$

$$\frac{\vec{T}_{AQ}}{m_A + m_2} = m_A \cdot \vec{T}_{AA} = \vec{$$

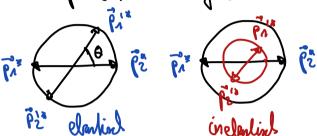
Con SP-Syptem

$$\vec{r}_{i}^{*} = \vec{r}_{i} - \vec{r}_{i} = \vec{r}_{i} - \vec{v}_{i}^{*}$$
 $\vec{v}_{i}^{*} = \vec{v}_{i}^{*} - \vec{v}_{i}^{*}$

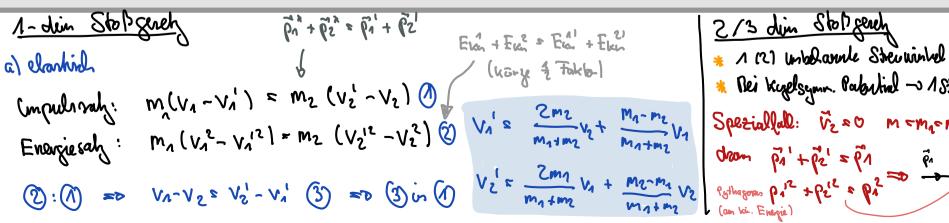
Feele. des SP-System

Sys. Laborsystem

2-Korper Stop in St. System



Vorlesung 12



2/3 dim Stot genety * 1 (2) unbolante Steunistel is 2 (3)) * Rei Kezelsepon. Pabertial - 1 Steeristolis SD