b) LIQUIDS - PARTICLE MODELS Torre frect: $g_i(t) = \sum_{j \neq i}^{d} g_{ij}(t)$ $g_{ij}(t) = m_i m_j (x_i - x_j) \left[-\frac{\alpha}{(r_i)^4} \right]^4 = 4$ $d \neq \beta \text{ persente}$ 5 - SEPARMON STRENGTH OF ATTRACTION & REPUSION FRECES (; = /x; -x;// c) CLOTH - VISCOEUSTICITY - MRCS-SPRINGS MUDER 4. EYE POSITION: (2,10,3) , LOOKAT PT (-2,2,0) + UP WECTUR (-1,-1,0) T Page - Pre = (2,10,3) T - (-2,2,0) T = (4,8,3) T [Peye-Pre] (2,10,3)T-(-2,2,0)T) (4,8,3)T) K = 5 (4, 8, 3) i = VOPKK VOPKK | j K = (3-0)i - (3-0)j $= \int_{89}^{34} \left[i = (-3, +3, -4)^{\top} \right]$ $j = k \times i = \frac{i j k}{k_{3}} = \frac{i j k}{k_{3}} = \frac{1}{\sqrt{89}} = \frac{1}{\sqrt{34}} = \frac{1}{\sqrt{3$ $| j = (-41, 7, 36)^T |$ V89 - N34 = | Jx Jy Jz 0 | 0 | 0 - Peyey Kx ky kz 0 0 0 1 - Perez -2.1