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ТЕРМОДИНАМИКА ДИНАМИЧЕСКИХ ВОЗДЕЙСТВИЙ НА ВЕЩЕСТВО

$$H_1 = H_0 + \frac{1}{2}(v_0 + v_1)(p_1 - p_0) = 0$$

$$\left(\frac{dv_1}{dp}\right) - \left(\frac{\partial v}{\partial p}\right)_T = \left(\frac{\partial v}{\partial T}\right)_p \frac{dT}{dp}$$

$$\left(\frac{\partial v_1}{\partial p}\right) - \frac{dv_1}{dp} = - \left(\frac{\partial v_1}{\partial T}\right)_p \frac{dT}{dp} \frac{T}{c_p}$$

$$\left(\frac{\partial v_1}{\partial p}\right) - \left(\frac{\partial v_1}{\partial p}\right) = \left[\sqrt{\frac{T}{c_p}} \left(\frac{\partial v_1}{\partial T}\right) - \sqrt{\frac{c_p}{T}} \frac{dT}{dp}\right] = 0$$

$$\frac{\partial v_1}{\partial p} - \frac{\partial v_1}{\partial p} = (v_1 - v_0) \frac{dT}{dp} \left[\frac{1}{T} \frac{dT}{dp}\right]$$

$$\left(\frac{\partial v_1}{\partial p}\right) - \left(\frac{\partial v_1}{\partial p}\right) = (v_1 - v_0) \frac{dT}{dp} \left[\frac{1}{T} \frac{dT}{dp}\right]$$

$$\left(\frac{\partial v_1}{\partial p}\right) - \left(\frac{\partial v_1}{\partial p}\right) = (v_1 - v_0) \frac{dT}{dp} \left[\frac{1}{T} \frac{dT}{dp}\right]$$

