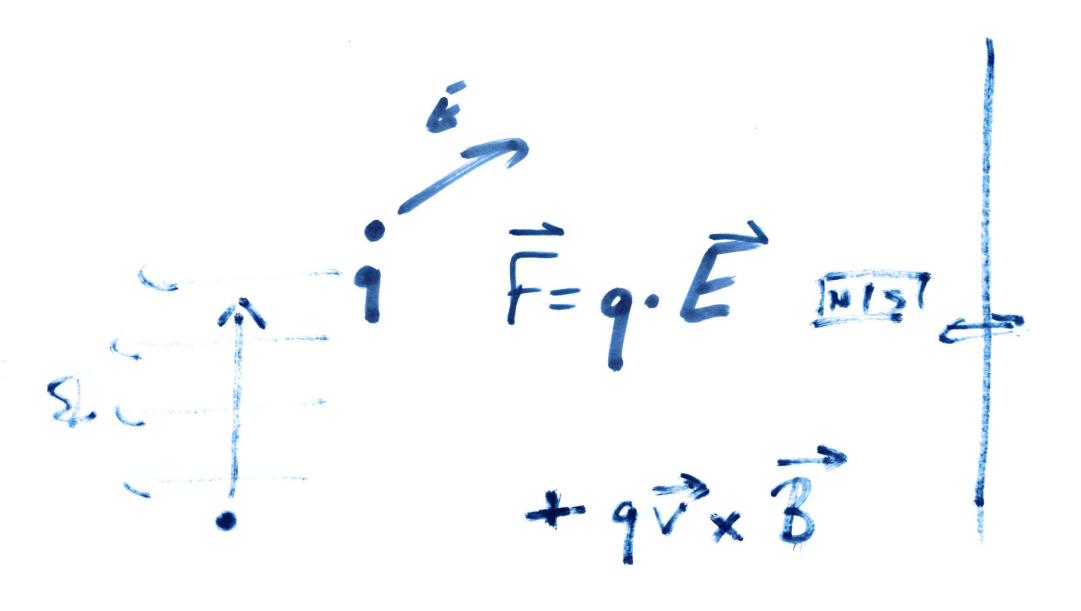
vi Die Maxwel-fleichungeni 可。产生一些。可谓一贯 3000 = - 3E = - B BTXR= Mo TH/680 SH



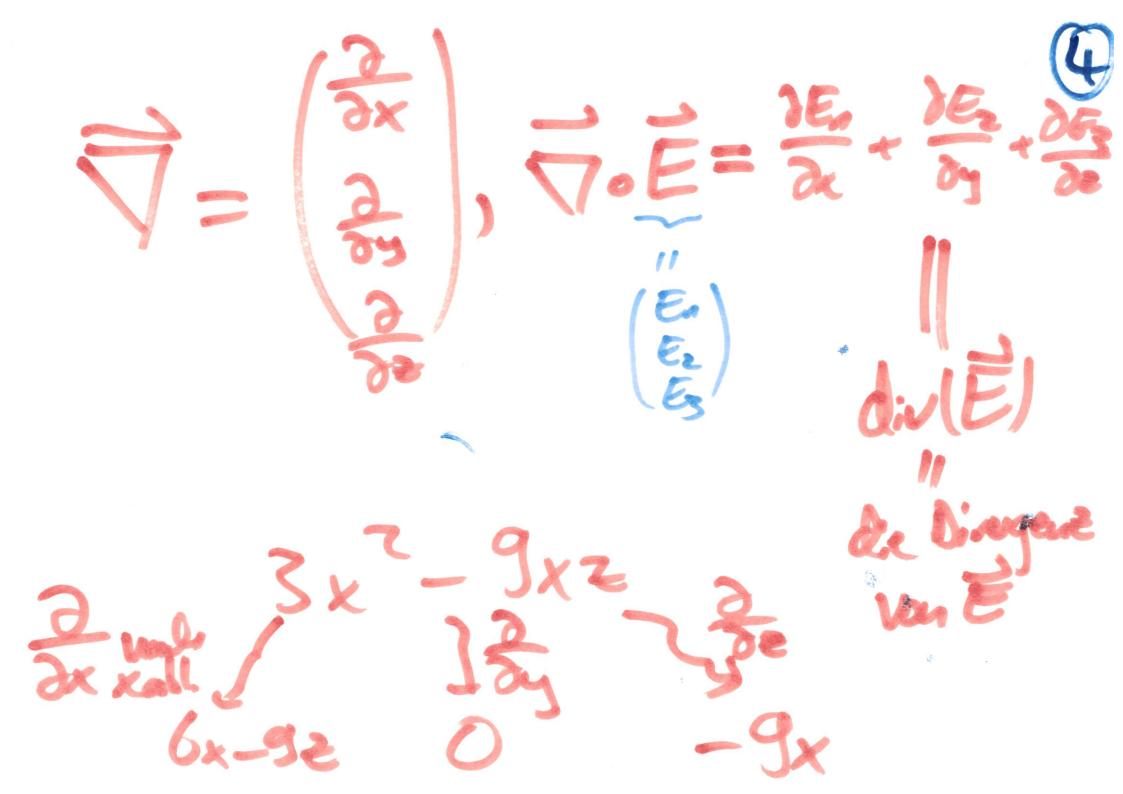


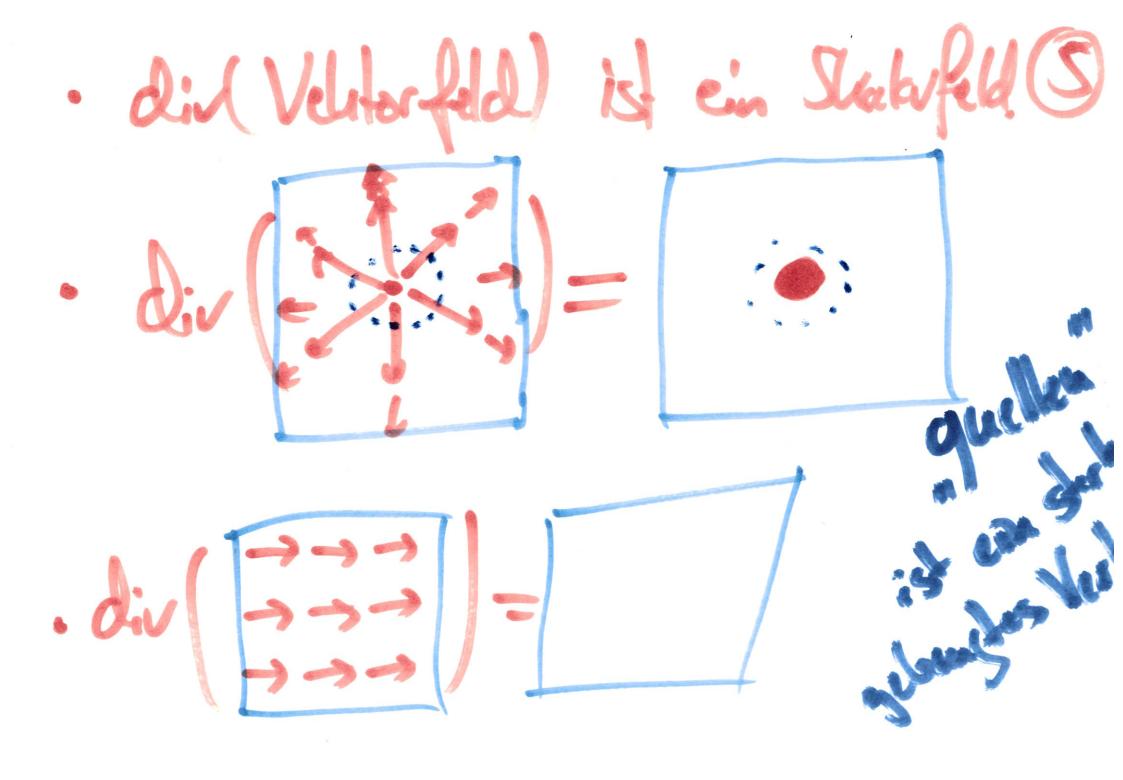
$$\vec{V} = \begin{pmatrix} \vec{v}_1 \\ \vec{v}_2 \\ \vec{v}_3 \end{pmatrix}, \quad \vec{W} = \begin{pmatrix} \vec{v}_1 \\ \vec{v}_2 \\ \vec{v}_3 \end{pmatrix}$$

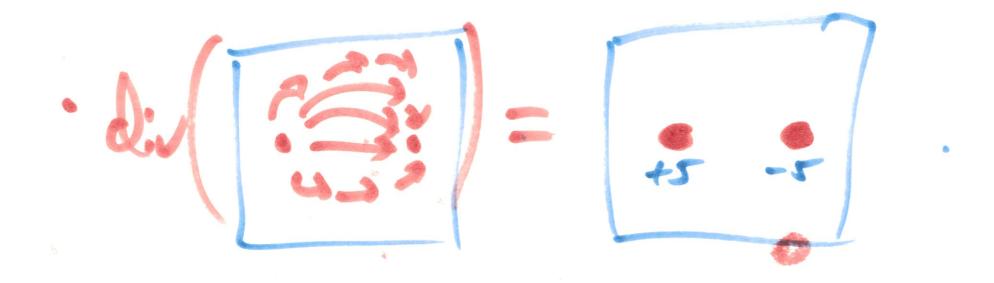
$$\overrightarrow{\nabla} \times \overrightarrow{N} = \begin{pmatrix} V_2 & W_3 - V_3 & W_2 \\ V_3 & V_4 - V_4 & V_3 \end{pmatrix}$$

$$V_4 & V_6 - V_6 & V_4 \end{pmatrix}$$

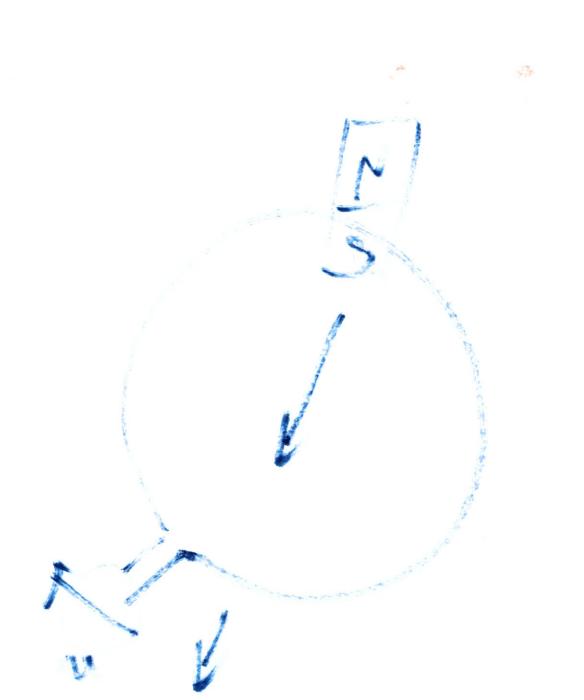


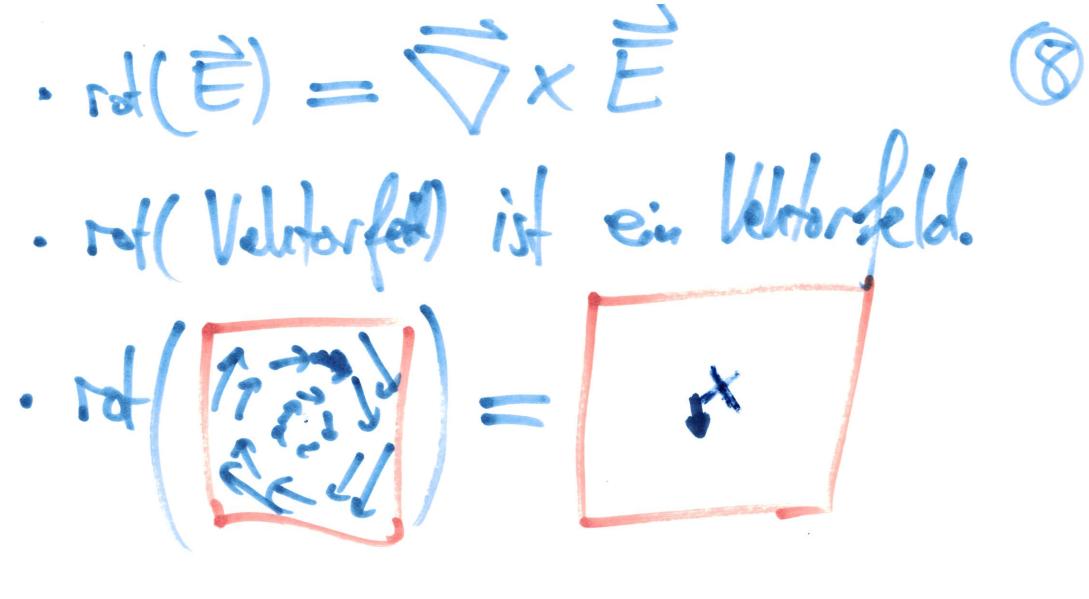
















$$\nabla \times (\nabla \times \vec{E}) = -\nabla \times \vec{B}$$

$$\nabla \times (\nabla \times \vec{E}) = -\nabla \times \vec{B}$$

$$\nabla \times (\nabla \times \vec{E}) = -\Delta (\vec{E})$$

$$= (-2^2 - 2^2 - 2^2) = -\Delta (\vec{E})$$

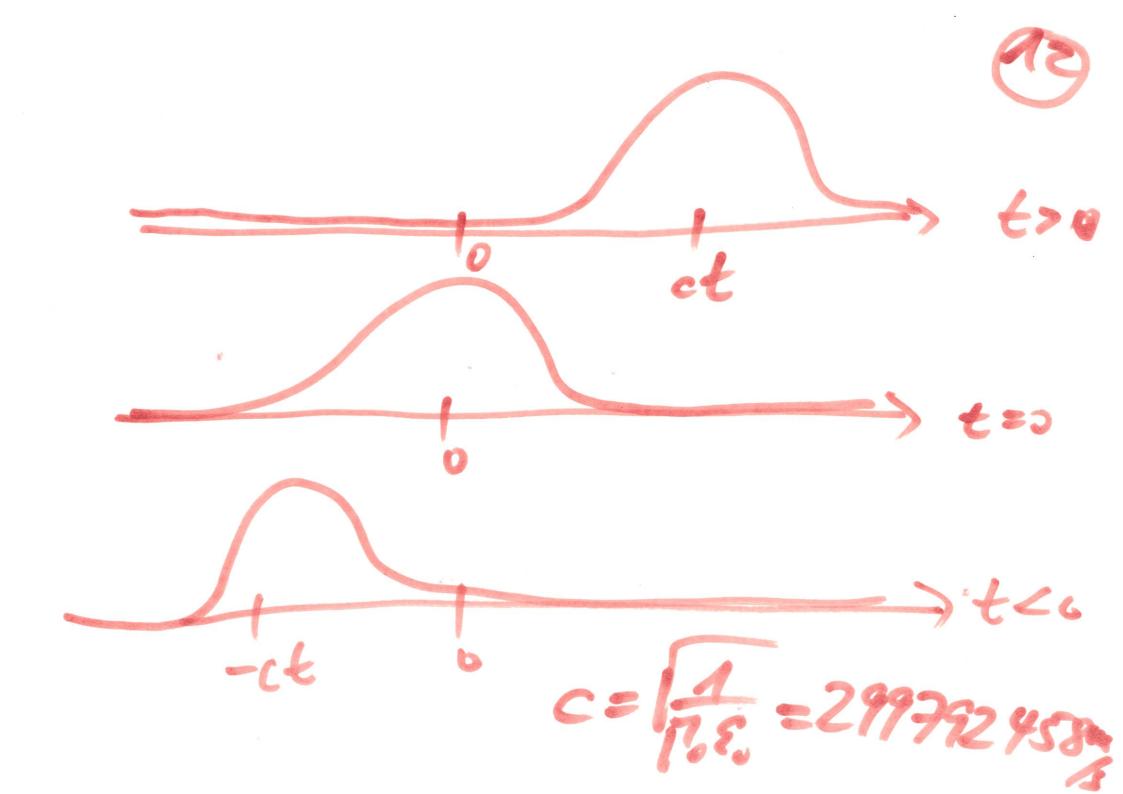


Ausch:
$$E_1 = f_1(x-c+)$$
, $c=cont.$

$$-\mu_{0} \xi_{0} \ddot{E}_{1}^{+} + E_{1}^{"} = 0$$

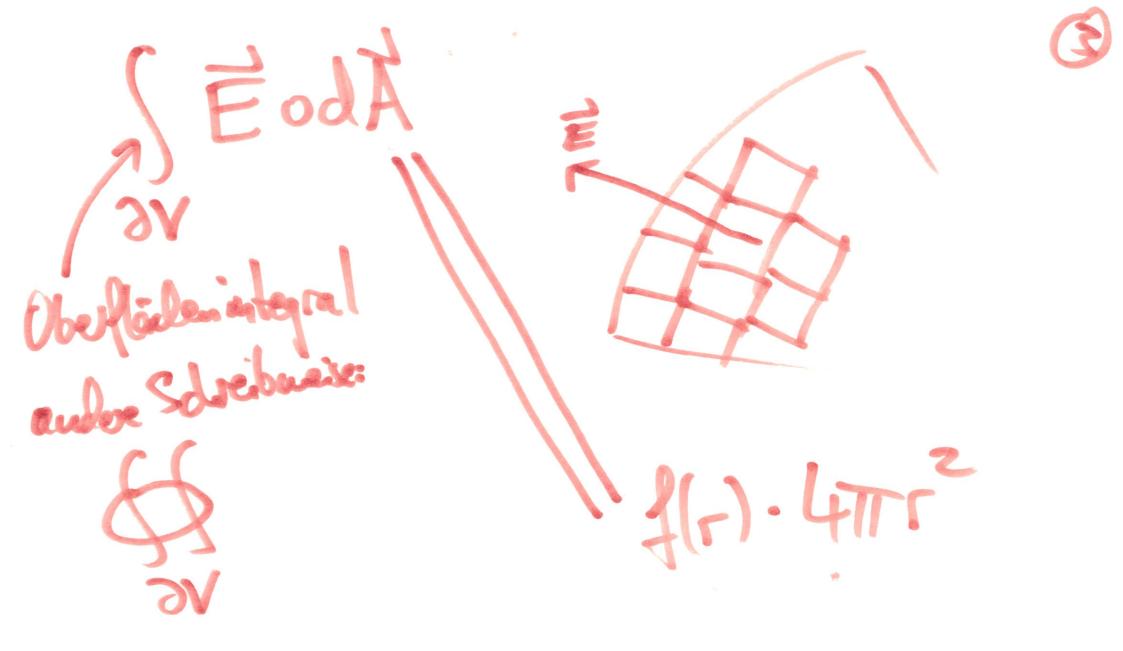
$$-\mu_{0} \xi_{0} (4\dot{e}_{1}^{+}) \dot{\xi}_{1}^{"} + \xi_{1}^{"} = 0 \Rightarrow 0$$

$$-\mu_{0} \xi_{0} (4\dot{e}_{1}^{+}) \dot{\xi}_{1}^{"} + \xi_{1}^{"} = 0 \Rightarrow 0$$



E(1)=15 TE Wiero impi- = linge des léthons 7
Ziven die Maxwell-41'n diese Formel fors E-Feld einer Paruliteding?

Shrift 1: Die Situation ist Cotationssymmetrich. Dalor muss don É-Febl Padaliguen sain 巨(引= 4(門) 計 Shiff 2: Acres integréerent



(Eally = Sau(E)dV (= dV = = foldv effs => (1)= 100 Ce