Диэлектрик во внешнем однородном поле

$$\boldsymbol{E}_1(i) = \boldsymbol{E}^{(i)} + \mathbf{E} \ ,$$

$$\boldsymbol{E}_1(e) = \boldsymbol{E}^{(e)} + \mathbf{E}$$

$$\boldsymbol{E}_{1t}(i)|_{\mathrm{S}} = \boldsymbol{E}_{1t}(e)|_{\mathrm{S}} \ ,$$

$$n_i(D_{0i} - (\varepsilon_{ik} - \delta_{ik})\mathbf{E}_k \ +$$

$$+ \ \varepsilon_{ik}E_{1k}(i))|_{\mathrm{S}} = E_{1n}(e)|_{\mathrm{S}},$$

$$\lim_{r \to \infty} \boldsymbol{E}_1(e)(r) = \mathbf{E} \ .$$