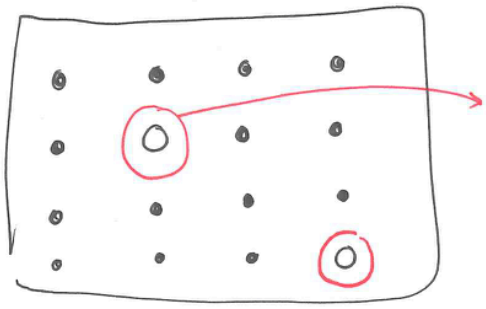
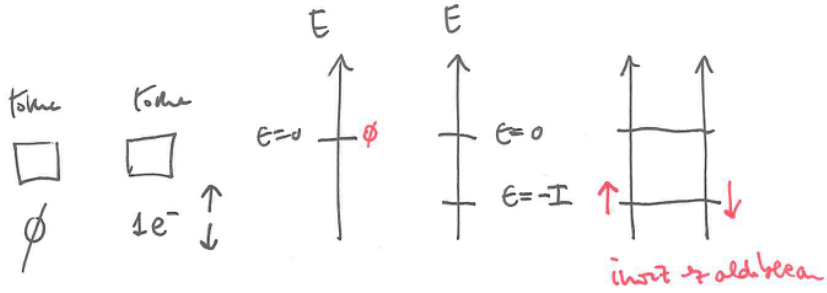
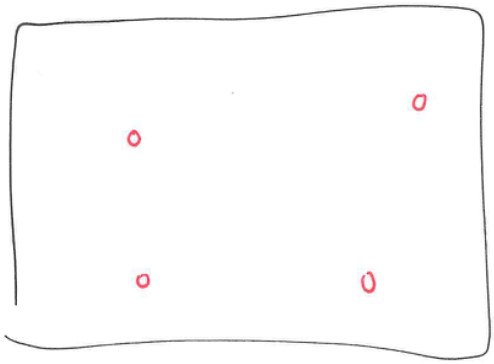
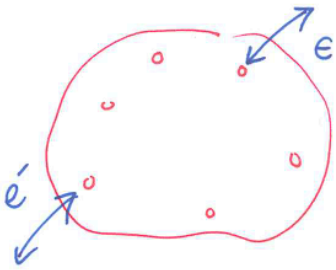
7b)

egzemplarz / etykieta	deskrypcja		N	ε
#1	e^- ez. dego	lokalne	∅	
#2	e^-	lokalne dego ↑	1	
#3	e^-	lokalne dego ↓	1	









sistema trzykia □

homogeneo multizoari degokion termodinamika aztertuko

oraintsu materia-trukean
energia-trukean } → degoela solidoarekin

tokiak → identikoak
independentiak } → $\mathcal{Z}_N \to (\mathcal{Z}_1)^N$
puntzyuz bereizgarri $\cancel{\frac{1}{N!}}$ — edozein partizio funtzioarekin

$$\mathcal{Z}_1 \overset{\text{def}}{\equiv} \sum_{N=0}^{\infty} z^N \cdot Z_N(T,V)$$

N dua sistema trzykiam "sartzen" duen partikulak gure kasuan N = 0, 1

$$\mathcal{Z}_1 = z^0 \cdot Z_0(T,V) + z^1 \cdot Z_1(T,V)$$