(ii) {A B C D E F}

$\{\varepsilon_0, \varepsilon_1, \varepsilon_2, \ldots, \varepsilon_j, \ldots\}$ } $\varepsilon_j = j\varepsilon \quad j = 0, 1, 2, \ldots$

$U = 6\varepsilon$

n_0	PARTIKULA	$\varepsilon_0 = 0$	ENERGIAREKIN
n_1	PARTIKULA	$\varepsilon_1 = \varepsilon$	ENERGIAREKIN
n_2	PARTIKULA	$\varepsilon_2 = 2\varepsilon$	ENERGIAREKIN
n_3	PARTIKULA	$\varepsilon_3 = 3\varepsilon$	ENERGIAREKIN
n_4	PARTIKULA	$\varepsilon_4 = 4\varepsilon$	ENERGIAREKIN
n_5	PARTIKULA	$\varepsilon_5 = 5\varepsilon$	ENERGIAREKIN
n_6	PARTIKULA	$\varepsilon_6 = 6\varepsilon$	ENERGIAREKIN

$U = \sum_j n_j \varepsilon_j$

		$\{n_0, n_1, n_2, n_3, n_4, n_5, n_6\}$	$t(n)$	$\sum t(n)$
I	6ε ○ ○ ○ ○ ○	{5, 0, 0, 0, 0, 0, 1}	$\frac{6!}{5!0!0!0!0!0!1!} = 6$	
II	5ε ε ○ ○ ○ ○	{4, 1, 0, 0, 0, 1, 0}	$\frac{6!}{4!1!0!0!0!1!0!} = 30$	
III	4ε 2ε ○ ○ ○ ○	{4, 0, 1, 0, 1, 0, 0}	$\frac{6!}{} = 30$	
IV	4ε ε ε ○ ○ ○	{3, 2, 0, 0, 1, 0, 0}	$\frac{6!}{} = 65$	
V	3ε 3ε ○ ○ ○ ○	{4, 0, 0, 2, 0, 0, 0}	$\frac{6!}{} = 15$	
VI	3ε 2ε ε ○ ○ ○	{3, 1, 1, 1, 0, 0, 0}	$\frac{6!}{} = 120$	462
VII	3ε ε ε ε ○ ○	{2, 3, 0, 1, 0, 0, 0}	$\frac{6!}{} = 60$	
VIII	2ε 2ε 2ε ○ ○ ○	{3, 0, 3, 0, 0, 0, 0}	$\frac{6!}{} = 20$	
IX	2ε 2ε ε ε ○ ○	{2, 2, 2, 0, 0, 0, 0}	$\frac{6!}{} = 90$	
X	2ε ε ε ε ε ○	{1, 4, 1, 0, 0, 0, 0}	$\frac{6!}{} = 30$	
XI	ε ε ε ε ε ε	{0, 6, 0, 0, 0, 0, 0}	$\frac{6!}{0!6!0!0!0!0!0!} = 1$	

PROBABLEENA : $t_{max} = 120$

- %25 ia-ia
- energia oso banatuta dago - partikuletan] izadiaren
  - energia-mailetan] joera
- (energia minimizatu, entropia maximizatu)
  Atkins-en liburuan aipatu ziratzun deratzen

$$\frac{N!}{n_1!\, n_2! \ldots n_t! \ldots} \qquad \frac{N!}{\prod_i n_i!}$$

$$S \qquad -\{k_B \ln N!\}$$

$$\left\{\frac{1}{N!}\right\} \cdot \left[\frac{N!}{\prod_i n_i!}\right] = \frac{1}{\prod_i n_i!}$$

$$\downarrow$$

$$1 \Leftarrow n_i! \approx 1 \ \forall i$$