

1 2,

$$-\frac{4}{4!}$$

$$\frac{4!}{4} \left[\frac{1}{()} \right]^4$$

$$4 \left\{ \frac{1}{2} [()^2 - 2^2] + \right\} [3]$$

—

1 2 (1, 2, 3, 4)
1 2 3 4 () (1, ...,)
- ,]

$$= \frac{1}{n} \quad () \quad [8]$$

!

$$= \quad ! \quad [9]$$

$$Z(J) \quad \frac{1}{n!} () \quad \frac{1}{n!} () = \quad = \quad [10]$$

(,)

$$Z(J=0,)$$

(,)
