

中国科学院

2009 年硕士学位研究生入学考试试题参考答案

(物理化学乙)

一、是非题

1-5

6-10 X

11-15

✓

二、单项选择题

1-5

6-10 B

11-15 C

16-20 D

21-24 C

25 AD

26

27

28

选择题第 7 题更正

9、B 物质的偏摩尔熵与下列各式中哪个相等)

$$(A) -\left[\partial\left(\frac{\partial A}{\partial T}\right)_{P, n_E} \frac{n_E}{\partial n_E}\right]_{T, P, n_E}$$

$$(B) \left[\partial\left(\frac{\partial A}{\partial T}\right)_{P, n_E} \frac{n_E}{\partial n_E}\right]_{T, P, n_E}$$

$$(C) \left[\partial\left(\frac{\partial G}{\partial T}\right)_{P, n_E} \frac{n_E}{\partial n_E}\right]_{T, P, n_E}$$

$$(D) -\left[\partial\left(\frac{\partial A}{\partial T}\right)_{P, n_E} \frac{n_E}{\partial n_E}\right]_{T, P, n_E}$$