Lectury 17 Problems Problem 1

(a): 37°( → 3/0.15 K ≈ 310 K

1G(1) = -7.03 k (mol - 310 · -1.58 cal/mol

I would change (2) since it has a more spontaneous reaction.

(b) (2) is always spontane ons (1) is spontangens upto

(1): Gil Stable

(b) Stylle

(c): Unstable

(11): (s): Less

(di Loss

(c)' more

Problem3

(i): No

(i): Yes (ii): Yes

(U: No

(i): Yes

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