## Name: Student number:

科学論文執筆のための英語

## Homework 3 (Pronouns) Due: July 1st, 2011

Each of the sentences below contains the misuse of at least one pronoun. Find it (them) and fix the problem(s). Some of the sentences also contain problems unrelated to pronoun use. Fix these problems as well.

1. This analysis is analogous to the one in Fujisawa's work.

2. We have ignored a small term coming from the asymmetry, but it would not change our conclusion.

3. Then  $T_c$  should decrease as  $t^2/|u|$ , that is quite different from BCS theory.

4. For this reason, we have a > b, which inequality shows that c > d.

5. This is a Gaussian function, which allows the matrix elements to be calculated analytically.

6. However, the value of the parameter g increases with the interaction strength,  $\alpha$ . It means that  $\rho$  also has an  $\alpha$ dependence.

7. We discuss that  $\theta(t)$  cannot be ignored.

8. The difference between the effect here and one in the previous case is quite large.

9. The set of all non-positive integers constitutes the possible values of the parameter  $\omega$ , of which choice determines the position of the center wall in the asymptotic regime.

10. There is no difference between the minimal case and the non-minimal one.

11. We derive a relation governing the behavior of the system in the  $0 < \delta < \delta_c$  regime. There are several possible ones, corresponding to different solutions of the original PDE.

12. The corrections to these constant gauge parameters are calculated in Ref. 1. It suggests a significant effect.

13. These results support that the proper condition is  $\delta < 1$ .

14. We then obtain the expression  $u = \int_{-\infty}^{\infty} dx F(x) / [cx + g(x)]$ , where c is a constant. We discuss its value in Sec. 2.

15. This process is referred to as  $\beta$ -diffusion, of which time scale is of order  $\epsilon^{-1}$ .

16. The function G is very important in our model, which is defined by  $G = \int d\theta F$ .