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Student number:

## 科学論文執筆のための英語

### Homework 5 (Verbs)

Due: July 1st, 2011

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

1. This model represents the propagation of a crack in a brittle material.
2. First, let us remember the form of the mass tensor.
3. We regard that both of these are positive.
4. The system receives a sinusoidal perturbation.
5. We provide such a theory in this paper.
6. In the present context, Theorem 3.1 says that the elements of  $S$  do not commute for  $t > t_1$ .
7. These operators work in the space  $S$ .
8. These results tell us that this is an order 1 transition.
9. If we take  $s = 1$ , this type of behavior no longer appears.
10. This value stays finite in the  $N \rightarrow \infty$  limit.
11. We have solved the energy spectrum in two cases.
12. Physical realizability needs this function to be bounded everywhere.
13. We can reproduce the experimentally measured value with our model.
14. Here let us remind a criticism provided by Ikegami and Tani.
15. We then obtain that the energy has actually decreased.
16. We mention some remarks on the fully non-linear case below.
17. This system of oscillators obeys the dynamics described by the following set of equations.
18. Two sharp peaks occur near  $\omega = \pi/2$ .
19. This result means that the smaller of these two values is not physically realizable.