

Name:
Student number:

科学論文執筆のための英語

Homework 4 (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. We describe the hyperon-mixed phase expected to exist in neutron star cores.
2. We estimate this interaction with the potential $V = -x^2 + \alpha x^4$.
3. This wavefunction explains the superconducting state of conventional metal superconductors.
4. By considering their behavior in the complex plane it has been known that these terms cancel in general.
5. We need not care about the last term.
6. Francis and Jones insist that this system exhibits a glass transition.
7. This general solution is able to be extended by an analytic continuation.
8. We changed the reference value in the range 0.4–0.7 and confirmed that the dependence of $1/\tau_R$ on both k/N and ϵ is not significantly affected by the choice of the reference value.
9. However, it is not yet clear whether properties of the α -process change accordingly with the change in T_g with decreasing film thickness.
10. The distance between the plates is decided by the size of the granular particles.
11. In a previous paper [1], we discussed black hole evaporation based on a numerical model.
12. It is considered that the maximal symmetry is spontaneously broken at this scale.
13. They showed that the BCS variational wave function could connect the two states.
14. We now make a method to deal with such anomolous cases.
15. These operators make a group.
16. These lattices are made of A and B monomers appearing at alternating sites.
17. We call this as “hole dynamics.”
18. In this expression, $\langle A \rangle$ means to take an expectation value of A concerning the internal space-time wave function.