

Specialist English: Assignment 5

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This fifth assignment (worth 5% of the final mark) looks at a selection of frequently occurring problems in titles. While we're looking at titles here, these problems occur throughout papers.

My marking will be affected by (a) your English writing, (b) your LaTeX typesetting, (c) your mathematical presentation, and (d) your understanding of the underlying computer science. Basically, I will “peer review” your assignments. (No mark scaling this time.)

The example titles are from published papers as quoted.

Problem 1 Correct the grammar surrounding the highlighted nouns or noun phrases below:

A Review on Trust Evaluation for **Internet of Things**

— Liu and Zhang (2016).

[1 mark]

Study on Simulation Credibility Metrics

— Liu et al. (2005).

[1 mark]

Impact of Process Variations on Emerging **Memristor**

— Niu et al. (2010).

[1 mark]

Problem 2 Improve these titles by using compound adjectives:

K-way Min-Max Cut for Image Clustering and Junk Images Filtering from Google Images

— Xie et al. (2010).

[1 mark]

Design Closure Driven Delay Relaxation Based on Convex Cost Network Flow

— Lin et al. (2007).

[1 mark]

Problem 3 Rewrite this title to remove any unnecessary words, and correct the grammar and capitalization (using title case):

Research on GPU-based Computation method for Line-Of-Sight Queries

— Bin et al. (2012).

[2 marks]

(Continued on next page.)

Problem 4 Correct the four grammar errors indicated in bold in the following title.

The Stability Study of Biped Robot Based on GA and Neural Network

— Xie et al. (2009).

(Here GA stands for “Genetic Algorithm”.)

[2 marks]

Problem 5 Correct the following title which makes the common mistake of writing “the number of defects” as “defect number”. (To see how this is wrong, compare it to “number of phones” vs. “phone number”.)

Predicting Defect Numbers Based on Defect State Transition Models

— Wang and Zhang (2012).

[1 mark]