

Comparison of Writing Characteristics

between Professional Articles and General Academic Writing

Chen Genwen

1. The professional article I have chosen is "**Facial Expression Preserving Privacy Protection Using Image Melding**", which is included in IEEE.

2. **The four key Characteristics of General Academic Writing are following:**

- Objectivity
- Complexity
- Formal structure
- Referencing

3. The **same features** of them:

- Academic writing requires objectivity, such as the use of passive voice and the prohibition of using "I think" or "I believe". In the professional article I have chosen, there are no subjective expressions, and passive voice is predominant.

Example: "An enormous number of images are currently shared through social networking services such as Facebook" in the ABSTRACT.

- Academic writing requires complexity, such as formal language style, high language density, noun phrases, relative clauses, etc. The professional paper I have chosen also includes many expressions of related features.

Example: "Currently, an enormous number of images are uploaded to social networking services such as Facebook and Twitter, which are then browsed and viewed by a vast amount of the Internet users." in the INTRODUCTION.

- Academic writing requires the formal structure. The text as a whole has a specific, formalized structure which includes the introduction, main body and conclusion. Besides, the text must have cohesion and coherence, which must link together clearly so that it is possible to follow the writer's argument.

Example: The structure of the professional article I have chosen includes abstract, introduction, image melding-based privacy protection (METHOD), experimental results, conclusion and references.

- Academic writing requires the use of references. The professional article also requires sufficient references to demonstrate the academic value of the research.

Example:

[1] A. Flores and S. Belongie, "Removing pedestrians from google street view images," in *Proc. IEEE Int Workshop on Mobile Vision*, 2010, pp.53-58.

4. The **differences** of them:

- Language:

- Standardized language and terminology are more commonly used in academic English writing to ensure interdisciplinary and cross-cultural understanding.
- Articles on cyber-security use more technical terms.

Example: The word “difference” may be replaced by “Cross-Domain”.

- Structure:

- Articles on cyber-security pay more attention to the experimental methods and the solutions on the problems.

Example: The main body of the article I have chosen introduces the details of experimental design.

- Supports:

- General academic writing typically relies on literature review and logical reasoning to support its arguments.
- Professional papers mainly validate the effectiveness of proposed security solutions through experimental results, data analysis, and case studies.

Example: The second part of this article: “IMAGE MELDING-BASED PRIVACY PROTECTION” is divided into two parts and the third part “EXMPERIMENTAL RESULTES” is divided into three parts. Through this way, the writers can explain the experiments they’ve done clearly and support their conclusion powerfully.