

**COMPUTER SCIENCE JOURNALS IN SINTA:
A RHETORICAL MOVE ANALYSIS OF RESEARCH
ARTICLE ABSTRACTS**

A Research Paper

Submitted in partial fulfillment of the requirements for *Sarjana Sastra* degree of
English Language and Literature Study Program



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**ENGLISH LANGUAGE AND LITERATURE STUDY PROGRAM
FACULTY OF LANGUAGE AND LITERATURE EDUCATION
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Oleh

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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar
Sarjana Sastra pada Fakultas Pendidikan Bahasa dan Sastra

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PAGE OF APPROVAL

**COMPUTER SCIENCE JOURNALS IN SINTA:
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ARTICLE ABSTRACTS**

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STATEMENT OF AUTHORIZATION

I hereby confirm this present study entitled *Computer Science Journals in Sinta: A Rhetorical Move Analysis of Research Article Abstracts* as the final result of my work. I am aware of some quoted ideas from other sources. All quotations are acknowledged and appropriately cited.

Bandung, August 2023

Annisa Jullia Chandra

PREFACE

I submit this present study entitled *Computer Science Journals in Sinta: A Rhetorical Move Analysis of Research Article Abstracts* as partial fulfillment of the requirements for *Sarjana Sastra* degree. I hope this study can contribute to further research in the field of linguistics, especially in the study of rhetorical move analysis and linguistic features. As the writer, I realize this study still lacks in some aspects. Therefore, any criticisms and recommendations will be much appreciated.

Annisa Jullia Chandra

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Bismillaahirrahmanirrahiim, first of all, I would like to praise Allah Subhanahu wa Ta'ala for His blessings, guidance, and mercy, because of Him, I can finish this undergraduate thesis. Shalawat and salaam upon Rasulullah Shallallahu 'alaihi wa sallam, peace be upon Him also His family and friends. This page contains my expression of gratitude to supportive people in my life.

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This thesis is far from perfect, constructive comments and critiques are needed to improve. Hopefully, this study can be beneficial for future research.

Annisa Jullia Chandra

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ABSTRACT

Abstract structures exist as the guides for constructing a good research article (RA) abstract. The importance of structures is confirmed through rhetorical move analysis researches that have been conducted in various disciplines, but abstract research for Computer Science field is infrequent. This study aims to identify rhetorical moves, linguistic features, and the indexation effect in RA abstracts of Sinta-indexed Computer Science journals. Hyland's (2000) five-moves analysis framework was used to examine 120 abstracts from six journals that represented Sinta 1 to 6. Purposive sampling method was implemented by filtering the samples based on Sinta levels and publishing year. The move-step occurrences, saliences, tenses, and voices were analyzed in each sentence of the abstracts. The findings showed that Move 1 – *Introduction* and Move 3 – *Method* were the most frequent moves in all Sinta levels. Move 5 – *Conclusion* was the least frequent in all Sinta levels. Move 1 - Step 1 – *Arguing for topic significance*, Move 3 - Step 7 – *Describing procedure and context*, and Move 5 - Step 8 – *Evaluating significance of the research* were considered as the most dominant. This study also found that present tense and active voice had the highest percentage across all Sinta levels. To conclude, Sinta level has no relation with move-step realizations and pattern. Sinta 6 was discovered solely as an outlier in several observations.

Keywords: *Computer Science journals, linguistic features, research article abstract, rhetorical move analysis, Sinta-indexed journal*

ABSTRAK

Aturan dalam struktur terbentuknya abstrak dapat menjadi pedoman dalam mengonstruksikan abstrak artikel penelitian yang baik. Pentingnya struktur dapat dipastikan dari penelitian tentang analisis pola retorik yang telah banyak dilakukan di berbagai bidang ilmu. Namun, penelitian untuk abstrak dalam jurnal Ilmu Komputer masih sedikit jumlahnya. Penelitian ini bertujuan untuk mengidentifikasi pola retorik, fitur linguistik, dan hubungan antara indeksasi jurnal dan abstrak artikel penelitian yang terindeksasi Sinta dalam bidang ilmu computer. Kerangka dari Hyland (2000) mengenai analisis lima *move* digunakan untuk meneliti 120 abstrak artikel penelitian yang termasuk Sinta 1 hingga Sinta 6 dengan perwakilan satu jurnal di setiap Sinta. Teknik *purposive sampling* digunakan dengan cara memilah sampel berdasarkan tingkatan Sinta dan tahun terbit. Kemunculan *move-step*, kata kerja, dan jenis kalimat dianalisis dari setiap kalimat dalam abstrak. Hasil dari penelitian menunjukkan bahwa Move 1 – Pendahuluan dan Move 3 – Metode muncul paling banyak dalam jurnal di seluruh tingkatan Sinta. Move 5 – Kesimpulan menjadi *move* yang paling sedikit muncul. Move 1 – Step 1 – Signifikansi topik, Move 3 – Step 7 – Deskripsi prosedur dan konteks, dan Move 5 – Step 8 – Evaluasi signifikansi penelitian menjadi *step* yang paling banyak muncul. Penelitian ini juga menemukan kata kerja masa kini dan kalimat aktif memiliki jumlah yang tertinggi di seluruh tingkatan Sinta. Kesimpulan dari penelitian ini adalah tingkatan Sinta tidak berpengaruh terhadap kemunculan pola *move-step*, hanya Sinta 6 yang memiliki hasil berbeda di beberapa aspek.

Keywords: abstrak artikel penelitian, analisis pola retorik, fitur linguistik, jurnal Ilmu Komputer, jurnal Sinta

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