**Guide for Reading and Critiquing a Research Paper/Work:**

**I. Statement of the Problem/Goals:** In one sentence in your own words, state succinctly the open research problem or question the paper addresses. What particular goals do these researchers have in addressing this problem? For example, what requirements have they set for themselves in solving the problem? What contribution are they seeking to make to the state‐of‐the‐art?

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| **Notes:** |

**II. Technical Approach:** In a few sentences in your own words, what is the novel insight of this group's approach to tackling the stated problem? What is their overall approach and/or strategy for solving the problem?

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| **Notes:** |

**III. Discussion/Critique:**

Does this paper include empirical or theoretical justification of the results?

*If it includes a justification of results:*

* what kind of experimental setup did they design to answer the research problem/ questions?
* What conclusions did they draw from their results?
* Given the results, what application/useful benefit/impact do the

researchers/ you see for this work?

* What limitations do the researchers mention with their approach?
* What additional limitations do you think might also occur?
* Do the researchers provide practical motivation for the work? What useful benefit/impact do you see for the work?
* Write one interesting open question or possible new research direction with regard to this paper beyond content understanding.

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| Notes: |

**Attention:** Use the notes to write a one to two paragraph review of the research paper. The review must contain the research problem, research purpose/motivation, methods/procedures/techniques/solution, its effectiveness, the contribution and relevance of the study, and any weaknesses or gaps, and its usefulness for further research.