Writing 2

Due Feb 26 by 6pm **Points** 10 **Submitting** a file upload
File Types pdf, bib, and txt **Available** until Mar 28 at 11:59pm

This assignment was locked Mar 28 at 11:59pm.

This writing will be graded out of 10 points. It will count as 4% of the class grade. The assignment is subject to the same late penalty as for the homeworks, i.e. 10%/day, the weekend does not count.

Each writing assignment can be resubmitted for regrading, unless otherwise specified. You are allowed one re-submission per writing, and have to do it within two weeks from when you received the grading of your original writing. After you resubmit, email the TAs that you have resubmitted, so they can go back and regrade it. Resubmit using the same link as the original submission. The submission site will be open for two weeks after the writing has been graded.

For this writing you will write a short report on a technical paper on a search algorithm:

A. Nash, K. Daniel, S. Koenig and A. Felner. "Theta*: Any-Angle Path Planning on Grids." In Proceedings of the AAAI Conference on Artificial Intelligence (AAAI), pages 1177-1183, 2007.
Here is the paper: **aaai07a.pdf** **(https://umn.instructure.com/courses/217854/files/19427901/download?download_frd=1)**

1. Your writing should be approximately 500 words. I**nclude a citation of the paper using bibtex.** Feel free to include other citations. **Submit a .pdf file with your paper and a .bib file with the references cited.**
2. When writing, avoid simply rehashing the abstract of the paper or paraphrasing the paper. Use your own words and summarize the ideas presented in the paper and the major results obtained in a clear and concise way.
3. Here are suggestions for what to cover in your summary/review:
    1. What is the main topic of the paper?
    2. How would you define the type of paper: is it proposing new methods or algorithms? looking at a new application area? or is it more like a tutorial on existing algorithms?
    3. For what type of problems is the algorithm described appropriate?
    4. How do the authors validate their approach: experimentally or theoretically?
    5. Are the experimental results included in the paper sufficient to show the power of the algorithm presented? Are the datasets used in the experimental work available for others to use?
    6. Are the conclusions supported by the results presented?

7. Can you summarize the strengths and weaknesses you see in the paper?
8. Is the paper clearly written and easy to follow? is the algorithm described clearly so it is possible to implement it and replicate the results?
9. What did you find most interesting aspect of the paper?

Grading criteria:
70% for the completeness of your summary. Use the suggestions above to make sure you address the many different aspects that are important in the paper;
10% for using latex and bibtex for the citations;
20% for the quality of writing (spelling, grammar, clarity of expression, structure).

Some Rubric

Criteria	Ratings					Pts
writing#2	**10 to >9.0 pts Full Marks**	**9 to >8.0 pts minor issues**	**8 to >5.0 pts issues with completeness and/or quality of writing and/or latex**	**5 to >0.0 pts major issues with completeness and/or quality of writing and/or latex**	**0 pts No Marks**	10 pts
						Total Points: 10