In this exercise you will practice organizing and synthesizing literature. For all parts of the exercise, follow the examples provided in the lecture video *Organizing and Synthesizing literature.*

**Part I:**

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| --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |
| [1] | M. Turk and A. Pentland |  |  |  |  |
| [2] | F. Samaria and S. Young |  |  |  |  |
| [3] | K. Subramanian |  |  |  |  |
| [4] | H. Li et al. |  |  |  |  |
| [5] | L. Wiskott et al |  |  |  |  |

In this part of the exercise, you will organize sources for a literature review by completing a table. The articles listed below might be chosen by someone writing a literature review with the research question *What is the best method of face recognition?* Read the abstracts of the articles (you’ll find them on the last pages of this exercise), determine which method of face recognition the article discusses, and then complete the top of the table by entering the methods as headings at the top of the columns (these will indicate the various sections of the review). Then, place an ‘x’ in the appropriate space next to each article to indicate which topic(s) it discusses.

**Part II:**

Each of the topics in the table you developed in Part I will be a separate section in a literature review. Write an outline of the review in the space below by writing each topic as a section heading; be sure to format the headings in IEEE format (numbered with a Roman numeral, centered on the page, and in small caps). List the numbers of the sources that will go in each section under its heading. The first section of the review is provided for you.

1. Introduction

**Part III:**

Finally, you will finish the exercise by synthesizing the literature listed above. However, assume that instead of writing a literature review about face recognition, you are writing a review on the broader subject of computer vision. You have decided that one PARAGRAPH of your review will be on methods of face recognition and that you will include the five articles found in Parts I and II in that paragraph.

In the space below, write a paragraph in which you A) summarize each of the abstracts, B) synthesize the abstracts, and C) add your own commentary on ‘what it all means’. You will need to compare/contrast the literature by noting which authors had similar findings and which had contradicting or different findings. Use the relational words and phrases found in the handout *Synthesizing Literature (Writing a Literature Review)* which is included in this week’s module.









