

## **MATH 444: MATHEMATICAL RESEARCH AND WRITING**

Assignment 6 Due Thursday Feb 17, 2022.

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You should have formed groups by now. Confirm the groups and outline your desired project topic to me. Some details expected. The rest of the assignment is to be done individually. I want you to select a paper (which can be one of those selected in assignment 3 if you wish) and then use some keyword searches using the search engine MathSciNet. To find MathSciNet search the UBC library under Journals or indeed general search using MathSciNet. I used to use Index and Databases and search for MathSciNet but that has some peculiar error. email me if you are having trouble. we succeeded in class. Using MathSciNet, find at least three additional related (and new to you) articles. The search engine MathSciNet will allow you to specify a journal. Don't worry about the year of publication. I would restrict most of your attention to more elementary journals (the three journals you have been using) rather than a research article. Most research Mathematics journal articles are quite difficult to read. As in assignment 3, write a summary of each of the three papers. Discuss the interest in the papers and how it might be combined into a write up for your project. While I imagine the groups may start working together, this assignment should be done independently (no overlap inside a group).

The point of the assignment is for you to consider how a given interesting paper can be extended to a project by seeking out related papers. Email me for advice/chat about this and your projects. I can schedule in-person meetings or a zoom meeting, perhaps with your entire group.