Evolution algebras and applications
Math 199C—Spring 2021

Bernard Russo

April 15, 2021

Course Information

- **Course**: Mathematics 199C Couse Code 45451

- **Instructor**: Bernard Russo Office Hours via Zoom upon request

- **Course procedure**: Participants will meet twice a week as a group via Zoom, including once on weekends to avoid conflicts with classes. (Attendance is important, however, it will not affect the Grading.) The schedule is

  Wednesday 7:30PM–8:15 PM (Zoom)
  and
  Saturday 4:00PM–4:45PM (Zoom)

  At these meetings, I will either give a lecture or discuss one of the research articles which are available for your project. The material to be covered will be posted on the webpage for the class:

  `https://www.math.uci.edu/~brusso/199CS21.html`

- **Homework**: There will be some exercises assigned. However, the main focus of your work will be to read and report on one of the research papers which I will suggest. For the first assignment, and other information, see the web page

- **Grading**: There are no midterms or final. You may audit this course if you wish. You are allowed to enroll for 2, or 4 units. If you enroll for credit you can choose to receive a letter grade or the P/NP option. Your grade will be determined as follows

  2 units
  > Handing in solutions to selected exercises
  > Project Report, as in the 4 units requirement (optional)

  4 units
  > Handing in solutions to selected exercises
  > Project Report: Study and give a report (written or oral) near the end of the quarter on a research paper (or part of another text)

The research papers and problems selected from the assigned problems will be determined in conjunction with me. Other resources (books, papers) will be posted online as the quarter progresses.