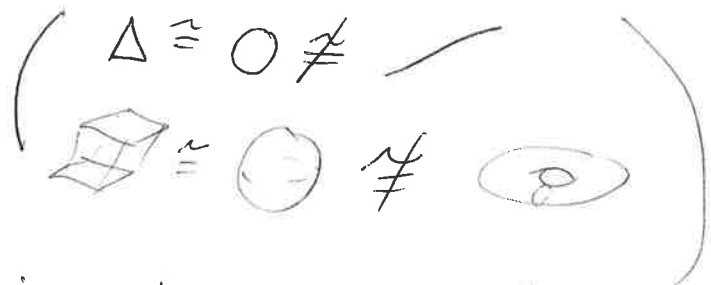


Curtis

Research lightning Talk

I study topology



Most of my research is trying to understand 3- + 4- dim'l spaces

also Knots (in order to understand 3-dim'l spaces)

Most stud projects involve Knots + surfaces with knotted boundaries

ex: students have used surfs + lin alg to build polynomials which measure something about the knots: still understanding what: one new proj: does this detect symmetries of the knot?

organizing guided study for fall for studs w/ lin alg + ready for significant independence (already pretty full)

for r'sch, need lin alg, ^{abs} alg, ~~will~~ ^{will} ~~need~~ ^{need} good intuition + willingness to work

