

Just a Glimpse of her Mathematics

Smith's main focus was on tight closure, characteristic p , and determinantal varieties. However, some of these topics are too difficult for undergraduates. I am going to focus on the definition of characteristic p . This is only a small piece of what she actually worked on. I will also discuss elliptic curves. Smith did not actually work on this type of math, but it is interesting to see that the curves translate back and forth from the algebraic perspective to the geometric version. This is exactly what Smith did in her research.