

1163-11-745

Katherine Thompson* (kthomps@usna.edu) and **Jeremy Rouse**. *Almost Universal Forms of Prime Discriminant*. Preliminary report.

We consider positive-definite quaternary quadratic forms with prime discriminant. These forms are almost universal; that is, they represent all positive integers with finitely-many exceptions. We give a formula for the last excepted value as a function of the discriminant. This work is joint with Jeremy Rouse (Wake Forest University). (Received September 12, 2020)