

1116-01-1128 **Fernando Q Gouvêa*** (fggouvea@colby.edu) and **Jonathan Webster**. *Determining the Discriminant*. Preliminary report.

Both number fields and polynomials have invariants called "discriminant". We will discuss the history of this concept from before it had a name to the work of Dedekind, who established its importance. If time allows, we will also discuss the problem of the "inessential divisors", discovered by Dedekind and finally solved by Hensel. (Received September 17, 2015)