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Effective solution of norm form equations

Thanks to the Subspace Theorem of Wolfgang Schmidt, we have a solid understanding of norm form equations over number fields, at least from a “qualitative” viewpoint. The situation is much less satisfactory if we desire to solve such equations “effectively”, however, in all but the simplest cases. In this talk, I will sketch recent work on applications of linear forms in logarithms to such problems, generalizing work of Vojta, and applications of these results.