

abstract

GALOIS REPRESENTATIONS AND AUTOMORPHIC FORMS SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Let p be an odd prime number and let F be a totally real field. Let F_{cyc} be the cyclotomic extension of F generated by the roots of unity of order a power of p . From the maximal abelian extension of F_{cyc} which is unramified (resp. unramified outside auxiliary primes), we get exact sequences of Iwasawa modules. We will discuss how splitting of these exact sequences are linked to Leopoldt conjecture for F and p . (JW with C. Khare)