Seminar 2022

Math

Cyclotomic units and the scarcity of Euler systems

2022년 7월 26일(수) 17시 (Math Bldg Room 221)

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Abstract: Ever since their introduction, Euler systems have played an important role in spectacular advances in arithmetic geometry. In this talk, I will discuss Coleman's Conjecture (proved in recent joint work with Burns, Daoud, and Seo), which gives a precise description of the set of all classical Euler systems over the rationals. If time permits, I will also indicate striking consequences of these ideas towards the conjecture of Bloch and Kato over general number fields.

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