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Filtered modules corresponding to potentially semi-stable representations. (English)

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Let $p > 2$ be a prime number, K a p -adic field, with the absolute Galois group G_K . The author parametrizes two-dimensional potentially semi-stable p -adic representations of G_K with coefficients in a p -adic field E by $[K : \mathbb{Q}_p]$ elements of $\mathbb{P}^1(E)$.

Reviewer: Florin Nicolae (Berlin)

MSC:

11S20 Galois theory

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p -adic field; two-dimensional potentially semi-stable p -adic Galois representation

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