

Fontaine, Jean-Marc

Cohomologie de De Rham, cohomologie cristalline et representations p - adiques. (De Rham cohomology, crystalline cohomology and p -adic representations). (French) [Zbl 0596.14015](#)

Algebraic geometry, Proc. Jap.-Fr. Conf., Tokyo and Kyoto 1982, Lect. Notes Math. 1016, 86-108 (1983).

[For the entire collection see [Zbl 0511.00009](#).]

The author studies some properties of the Hodge filtration and applies them to Wintenberger theory and to the construction of Galois representations.

Reviewer: [A.Conte](#)

MSC:

[14F40](#) de Rham cohomology and algebraic geometry

[14F30](#) p -adic cohomology, crystalline cohomology

[14C30](#) Transcendental methods, Hodge theory (algebro-geometric aspects)

Cited in **3** Reviews
Cited in **10** Documents

Keywords:

[De Rham cohomology](#); [Hodge filtration](#); [Galois representations](#)