Xavier Caruso, Université de Rennes 1, Rennes, France, and David Savitt*
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Let $\rho$ be a de Rham representation. Attached to $\rho$ are two polygons, the Newton polygon and the Hodge polygon, obtained from the admissible filtered module associated to $\rho$ by Fontaine theory; admissibility entails, among other things, that the Hodge polygon lies below the Newton polygon. A third polygon, the tame inertia polygon of $\rho$, may be computed from the reduction of $\rho$ modulo $p$. We discuss the relationship between the tame inertia polygon and the Hodge and Newton polygons. (Received September 17, 2007)