Holonomic \( \mathcal{D} \)-modules and positive characteristic

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Abstract. We discuss a hypothetical correspondence between holonomic \( \mathcal{D} \)-modules on an algebraic variety \( X \) defined over a field of zero characteristic, and certain families of Lagrangian subvarieties in the cotangent bundle to \( X \). The correspondence is based on the reduction to positive characteristic.

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