1042-03-20   **Luc Bélair*** (`belair.luc@uqam.ca`), Dép. de Mathématiques, UQAM, C.P. 8888 succ. Centreville, Montréal, Québec H3C 3P8, Canada, and **Françoise Point** (`point@logique.jussieu.fr`), Institut de Mathématiques, Univ. de Mons-Hainaut, B-700 Mons, Belgium. *Quantifier elimination in valued Ore modules.*

We consider valued fields with a distinguished isometry or contractive derivation, as valued modules over the Ore ring of difference operators. This amounts to study linear difference/differential equations with respect to the distinguished isometry/derivation. Under certain assumptions on the residue field, but in all characteristics, we obtain quantifier elimination in natural languages, and the absence of the independence property. (Received July 02, 2008)