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**Expansions of densely ordered groups having o-minimal open
core**

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I will discuss the following result, which is part of a joint project with A. Dolich and C. Steinhorn.

Theorem. Let T be a complete theory extending the theory of densely ordered groups such that, in every model of T , every unary open definable set is a finite union of open intervals. Then, for every model of T , the reduct generated by its open definable sets (of all arities) is o-minimal.