

- ▶ EMANUELE RODARO, ELENA PRIBAVKINA, *PSPACE-completeness for finitely generated synchronizing automata.*

Departamento de Matematica, Universidade do Porto, Portugal.

E-mail: `kitomer@gmail.com`.

Ural State University, Russian Federation.

E-mail: `selen_x@mail.ru`.

We consider synchronizing automata whose language of synchronizing words is finitely generated as a two-sided ideal in Σ^* . Answering a question stated in a previous paper, here we prove that recognizing such automata is a PSPACE-complete problem.