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**Ademir Fernando Pazoto\***, Instituto de Matemática, Cidade Universitária - Ilha do Fundão, Rio de Janeiro, RJ 21941-909, Brazil. *Controllability of the Kuramoto-Sivashinsky equation on star-shaped trees.*

In this work we treat two control problems for the linear Kuramoto-Sivashinsky equation on a network. More precisely, the equation is considered on a star-shaped tree with Dirichlet and Neumann boundary conditions. By using the moment theory we can derive null controllability properties with boundary controls acting in the external vertices. In particular, the controllability holds if the anti-diffusion parameter of the equation does not belong to a countable critical set of real numbers. (Received September 19, 2016)