



# Systems and Control Group Seminar

July 6th, 2023, 14:00

Mathematics Department, University of Aveiro

Room Sousa Pinto

---

Covering problems in hierarchical poset spaces

Marcos Spreafico

Universidade Federal de Mato Grosso do Sul, Brasil  
marcos.spreafico@ufms.br

## Abstract

We investigate the minimum size of a Covering code and a Short Covering code in a hierarchical poset space. We show that both problems are closely related with its correspondents in Hamming space.

---

This seminar was supported in part by the Portuguese Foundation for Science and Technology (FCT – Fundação para a Ciência e a Tecnologia), through CIDMA - Center for Research and Development in Mathematics and Applications, within project UIDB/04106/2020.