# Periodic, semiclean elements and CJ rings

## Guanglin MA

*Nanjing University, China*

**a joint work with**

# A. Leroy[1], M. Nasernejad[2], & Y. Wang[3]

[1] *Artois University, France*
[2] *Artois University, France*
[3] *Nanjing University, China*

### Abstract

We give some properties of periodic and semiclean elements and rings. We particularly focus on the case of polynomial rings. In relation with abelian clean rings, abelian nil clean rings and abelian J-clean rings we introduce CJ rings and compare them with the existing notions of CU and CN rings.

## Keywords

Periodic elements, semi-clean elements, Rings related to Clean rings.

.