

*The Mini-course on  
Operator Algebras and its Application, February 3-4, 2018  
School of Mathematics, IPM, Tehran*

## **Introduction to Étale Groupoids**

**Farid Behrouzi**  
*Alzahra University*

*Iran*

We discuss the basic notions of étale groupoids and their  $C^*$ -algebras. We give definitions and basic properties of representations, and full and reduced  $C^*$ -algebras.

### **References**

- J. Renault, *A groupoid approach to  $C^*$ -algebras*, Lecture Notes in Mathematics 793, Springer, Berlin, 1980.
- A. Sims, *Lecture notes on étale groupoids and their  $C^*$ -algebras*, <https://arxiv.org/abs/1710.10897>.