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Classification of Cuntz-Krieger algebras

Mikael Rørdam and Danrun Huang initiated the classification of Cuntz-Krieger algebras in the mid-nineties, and, recently, the classification up to stable isomorphism of Cuntz-Krieger algebras (satisfying the condition (II) of Cuntz) was completed. This work raised other new interesting questions.

In my talk I will talk about the classification of Cuntz-Krieger algebras, and state the classification theorem. Also, I am planning to comment on some of the questions raised by this classification result.