

Chaire d'excellence

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Université d'Edimbourg

COURS

A MODERN THEORY OF DATABASE QUERY LANGUAGES

Résumé

This short course presents a modern perspective on database query languages over complete and incomplete data. From the mathematical point of view, queries are mappings between finite relational structures (e.g., graphs), usually defined in logical languages such as first-order predicate logic. While this is the standard presentation, these days the theory of graph homomorphisms plays a prominent role in understanding query languages. In this short course, we mix and blend the logical and graph homomorphism views of query languages, showing how it leads to new and often simpler ways of proving classical results and deriving new ones.

LUNDI 30 SEPTEMBRE 2019

VENDREDI 4 OCTOBRE 2019

LUNDI 7 OCTOBRE 2019

VENDREDI 11 OCTOBRE 2019

LUNDI 14 OCTOBRE 2019

VENDREDI 18 OCTOBRE 2019

LUNDI 21 OCTOBRE 2019

DE 10H30 À 12H00

Salle 3052 - Bâtiment Sophie Germain

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Information

www.sciencesmaths-paris.fr