



Département de Mathématiques d'Orsay



université
PARIS-SACLAY
FACULTÉ
DES SCIENCES
D'ORSAY

Fondation mathématique
FMJH
Jacques Hadamard

Hyperbolic duality

Jeudi 28 juin 2012 14 :00-15 :00

Volodymir Nekrashevych

Texas A&M University

Résumé : I will define hyperbolic groupoids, which are generalizations both of the action of a Gromov hyperbolic group on its boundary, and groupoids naturally appearing in hyperbolic dynamics. An interesting aspect of the theory of hyperbolic groupoids is a duality theory : for every hyperbolic groupoid G there is a natural groupoid G' acting on the boundary of the Cayley graph of G . The groupoid G' is also hyperbolic and G'' is equivalent to G . Examples and some applications (e.g. Patterson-Sullivan measures) will be discussed.

bât. 425

121-123

Plus d'infos...

Département de Mathématiques d'Orsay - bât 425 Faculté des Sciences d'Orsay Université
Paris-Sud F-91405 Orsay Cedex