

Extrait du
UREM :
Unité de Recherche sur l'Enseignement des Mathématiques

<http://www.ulb.ac.be/sciences/urem>

Not knot : superbes vidéos mathématiques

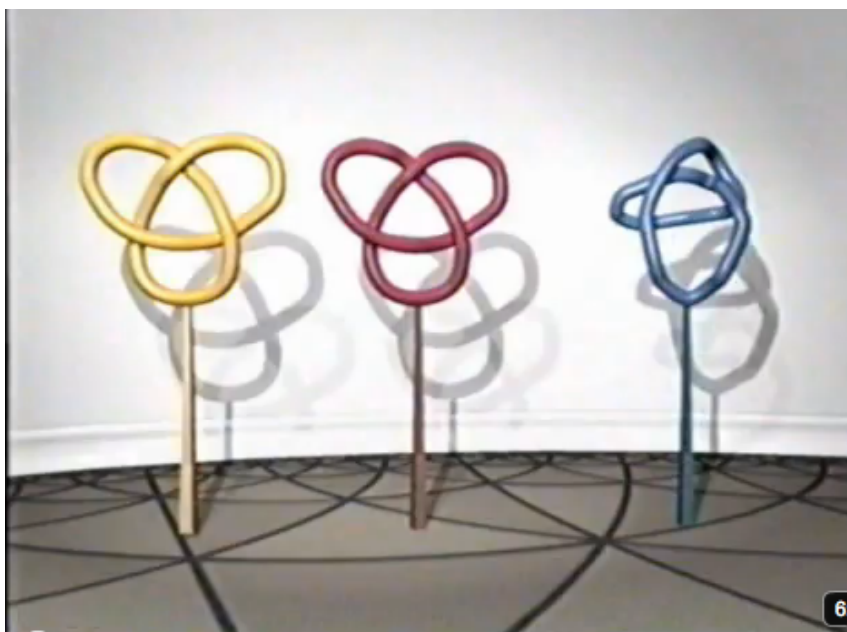
- Extra-muros -



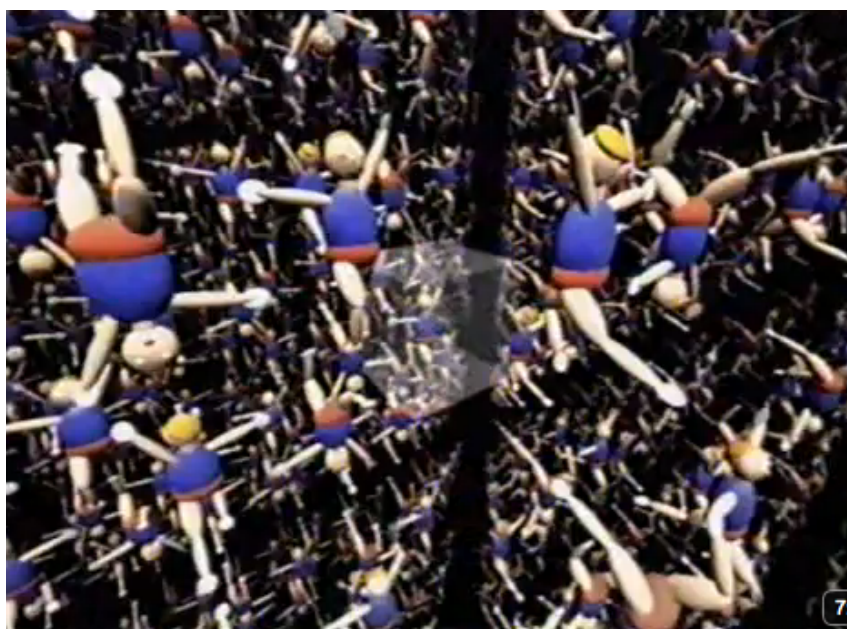
Date de mise en ligne : vendredi 17 février 2012

UREM :
Unité de Recherche sur l'Enseignement des
Mathématiques

Recommandé par [Allen Knutson](#) sur Google+



Not Knot is a guided tour into computer-animated hyperbolic space. It proceeds from the world of knots to their complementary spaces — what's not a knot. Profound theorems of recent mathematics show that most known complements carry the structure of hyperbolic geometry, a geometry in which the sum of three angles of a triangle always is less than 180 degrees.



Audience : Mathematics students, particularly advanced undergraduates and graduate students. Distributed by : A. K. Peters.

A number of still images from Not Knot are available from the Geometry Center Graphics Archive.

Source :

- ▶ <https://www.youtube.com/watch?v=AGLPbSMxSUM>
- ▶ https://www.youtube.com/watch?v=MKwAS5omW_w&feature=related