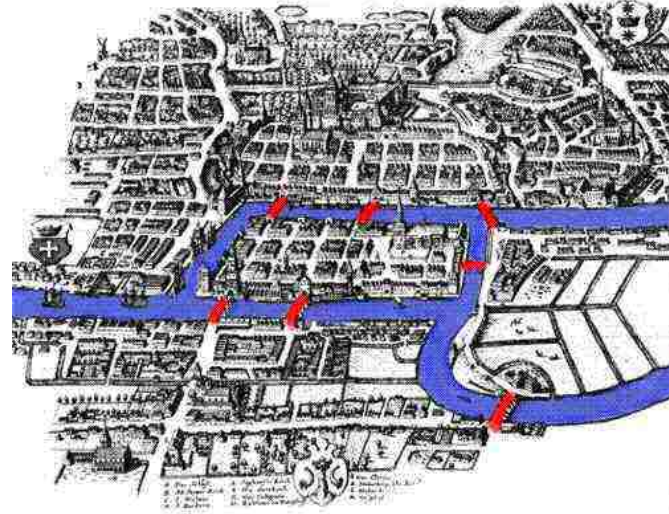
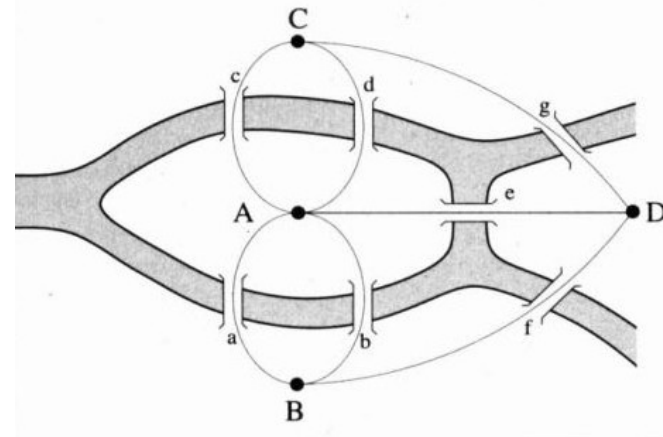


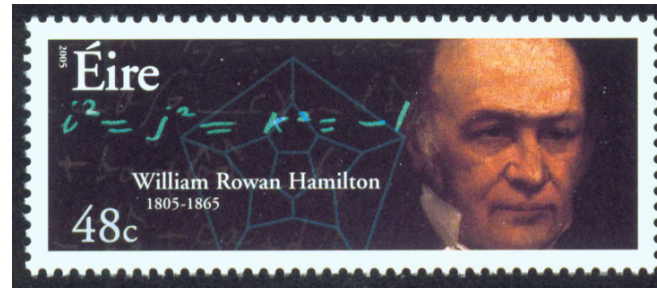
Graph theory started with Euler who was asked to find a nice path across the seven Königsberg bridges



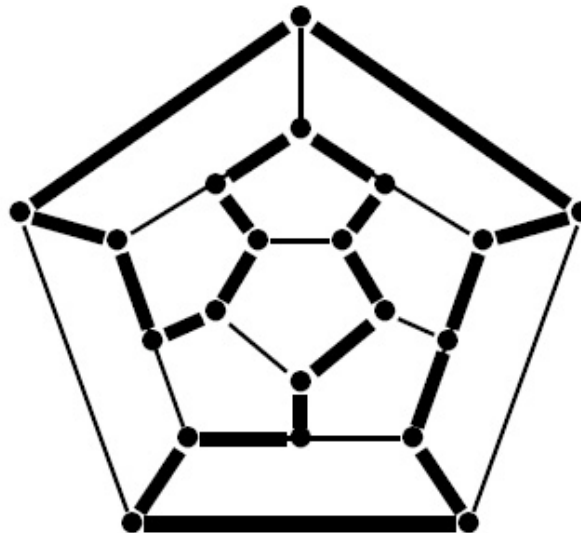
The (Eulerian) path should cross over each of the seven bridges exactly once



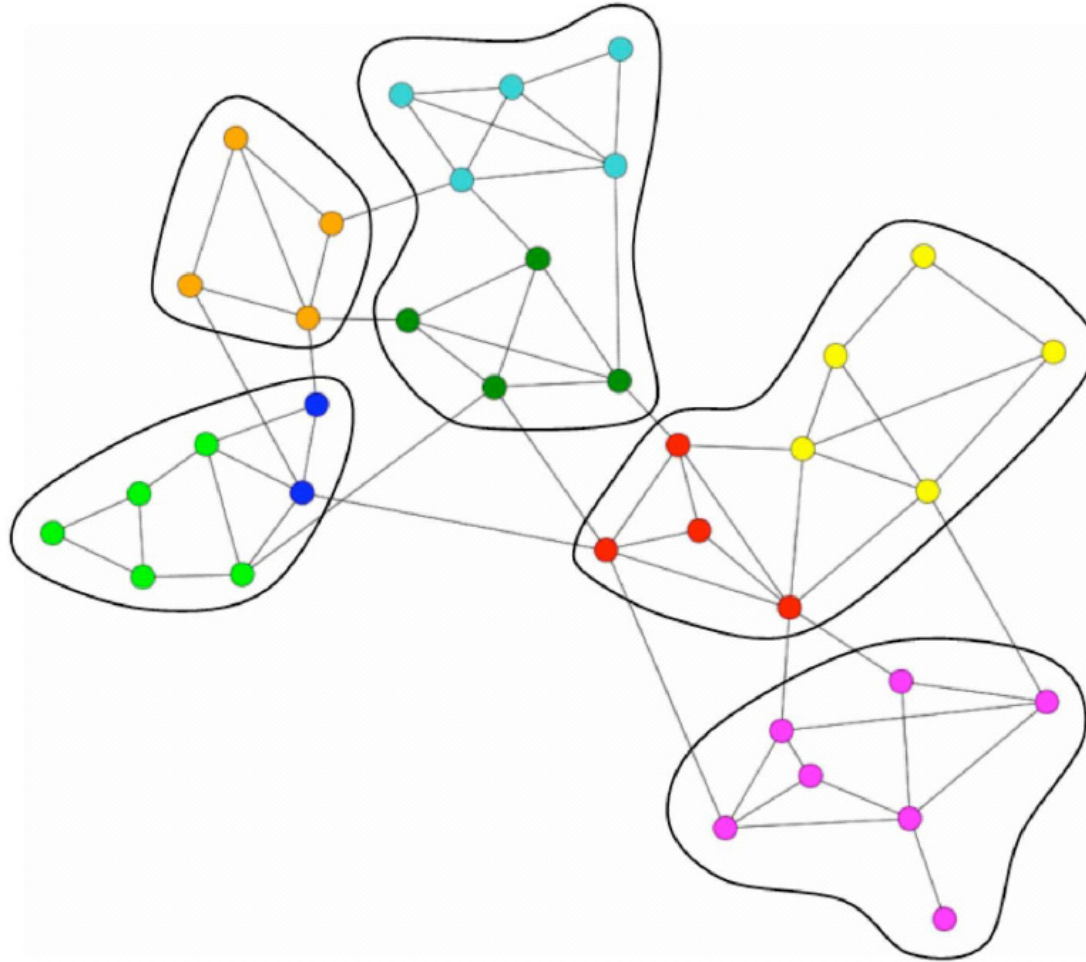
Another early bird was Sir William Rowan Hamilton (1805-1865)



In 1859 he developed a toy based on finding a path visiting all cities in a graph exactly once and sold it to a toy maker in Dublin. It never was a big success.

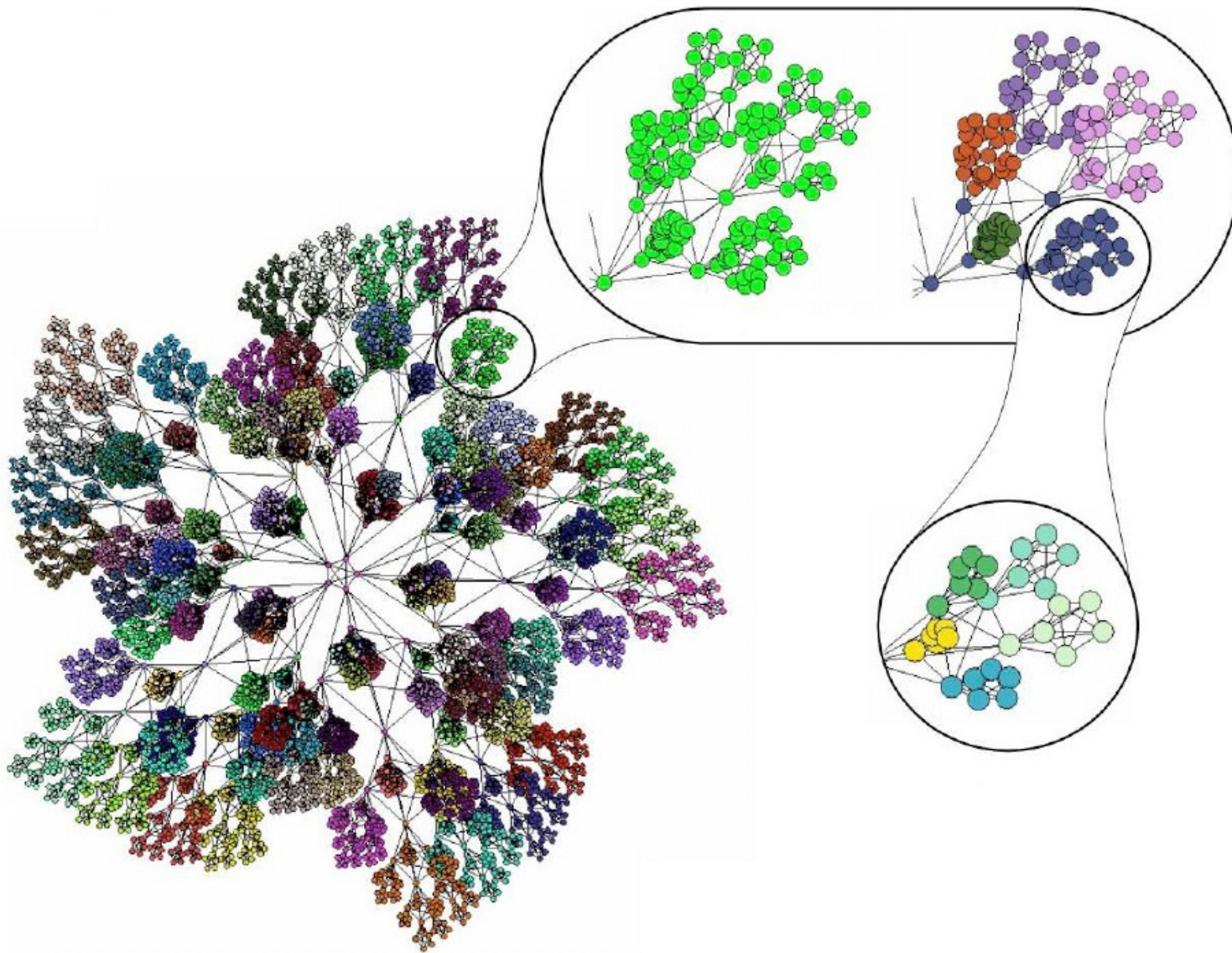


But now graph theory is used for finding communities in networks



where we want to detect hierarchies of substructures

and their sizes can become quite big ...



It is also used for ranking (ordering) hyperlinks



The image shows a screenshot of a Google search results page. At the top, the Google logo is on the left, and navigation links for 'Recherche avancée', 'Préférences', 'Outils linguistiques', and 'Conseils de recherche' are on the right. A search box contains the text 'university belgium', followed by a 'Recherche Google' button. Below the search box, it says 'Rechercher dans : Web Pages francophones Pages : France'. There are also links for 'Web', 'Images', 'Groupes', and 'Répertoire'. The main text indicates that Google found 1-10 results for 'university belgium' out of approximately 1,040,000. A link is provided to 'limiter la recherche à la langue : Français?'. The category path is 'Regional > Europe > ... > Education > Non-University Higher Education'. Four search results are listed, each with a title, description, category path, and URL.

Recherche avancée Préférences Outils linguistiques Conseils de recherche

Google™ university belgium Recherche Google

Rechercher dans : Web Pages francophones Pages : France

Web · Images · Groupes · Répertoire

Google a recherché university belgium sur le Web. 1 - 10 résultats, sur un total d'environ 1,040,000. Recherche effectuée

Voulez-vous limiter la recherche à la langue : Français ?

Catégorie: [Regional](#) > [Europe](#) > ... > [Education](#) > [Non-University Higher Education](#)

[Portaal Universiteit Gent/Ghent University Web portal](#)
... U bent NIET ingelogd. Log in. UNIVERSITEIT GENT - Nederlandstalige site. GHENT UNIVERSITY - English site. ©2002 Universiteit Gent, Disclaimer.
Description: The largest and oldest public university in Belgium. Site in both Dutch and English. Links to education, ...
Catégorie: [Reference](#) > [Education](#) > ... > [Europe](#) > [Belgium](#) > [Ghent University](#)
[www.rug.ac.be/](#) - 7k - [En cache](#) - [Pages similaires](#)

[Université de Liège - University of Liege \(Belgium\)](#)
L'Université de Liège, une Université complète : 8 facultés, 32 filières d'enseignement, 350 unités de recherche
Description: ULG - Présentation de l'institution, la recherche et de l'enseignement. Guide du futur étudiant.
Catégorie: [World](#) > [Français](#) > ... > [Belgique](#) > [Université de Liège](#)
[www.ulg.ac.be/](#) - 3k - [En cache](#) - [Pages similaires](#)

[Service Télématique et Communication](#)
IIHE. . Main Areas. People. Internal Reports. Newsletter. Books. Summer fête 2002. Wireless seminar. Webmaster. STC works with or is involved ...
[www.ihe.ac.be/](#) - 13k - [En cache](#) - [Pages similaires](#)

[Universiteit Antwerpen](#)
Welkom aan de Universiteit Antwerpen, ...
Description: De studies, voorzieningen, onderwijs, onderzoek en nieuws.
Catégorie: [World](#) > [Nederlands](#) > ... > [Gemeenten](#) > [Antwerpen](#) > [Onderwijs](#)
[www.ua.ac.be/](#) - 26k - [En cache](#) - [Pages similaires](#)

or by your GPS to find the shortest path home ...



or by your GPS to find the shortest path home ...

