

Wikipedia as a Tool for Introducing Social Concerns into Science Education

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- Wikipedia is becoming a main source for scientific information
- We know very little of the nature of science transmitted by Wikipedia
- There is a need to understand better the character of Wikipedia's scientific contents.



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Textbooks: research on the Nature of Science

How can it be extended to Wikipedia?

Wikipedia's dimensions and diversity makes it a challenge

First
task

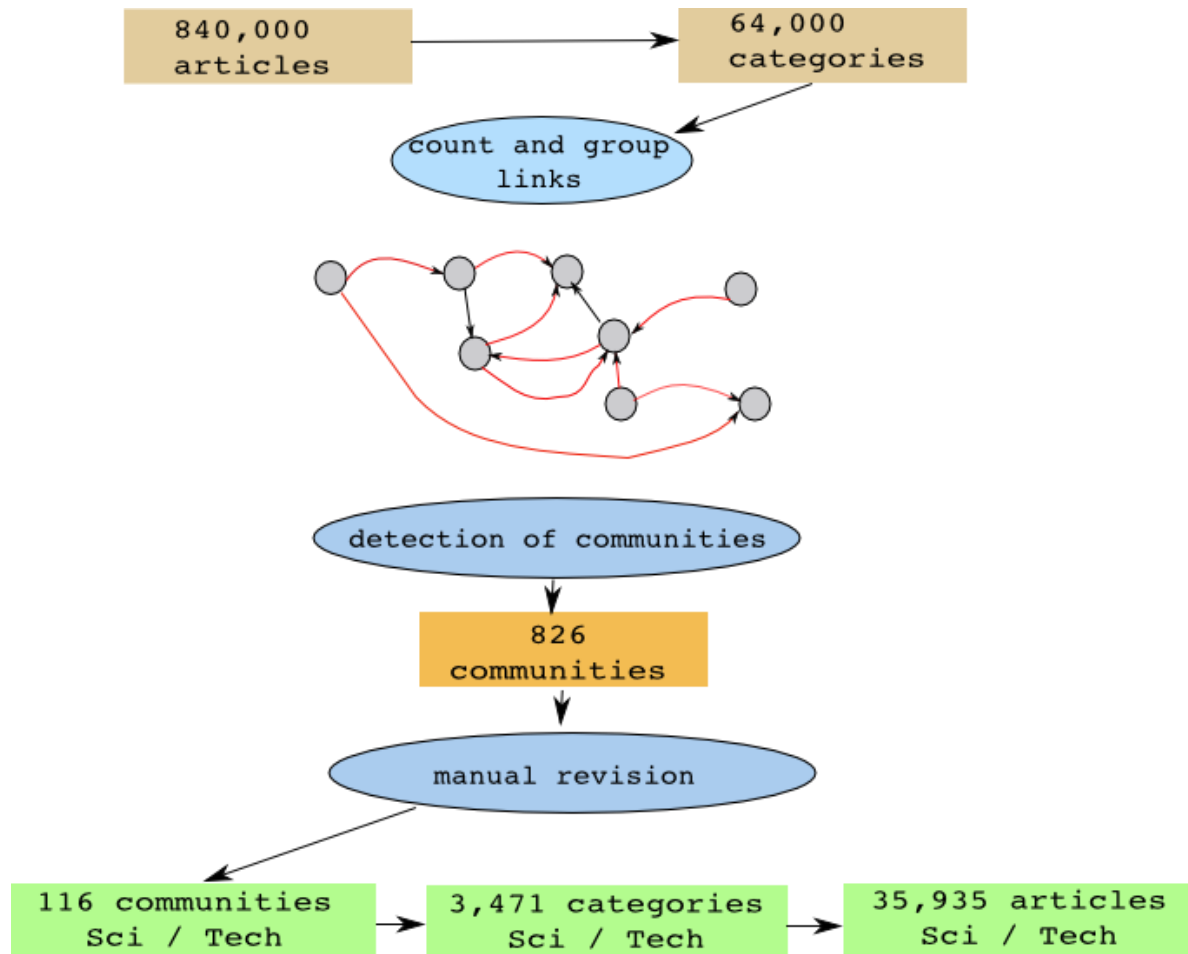
design an
automatic
procedure

Second
task

reveal the
semantic structure
of Wikipedia's
scientific content

to detect articles
with a relevant
scientific
content.

analyzing the
links between
different
scientific
articles

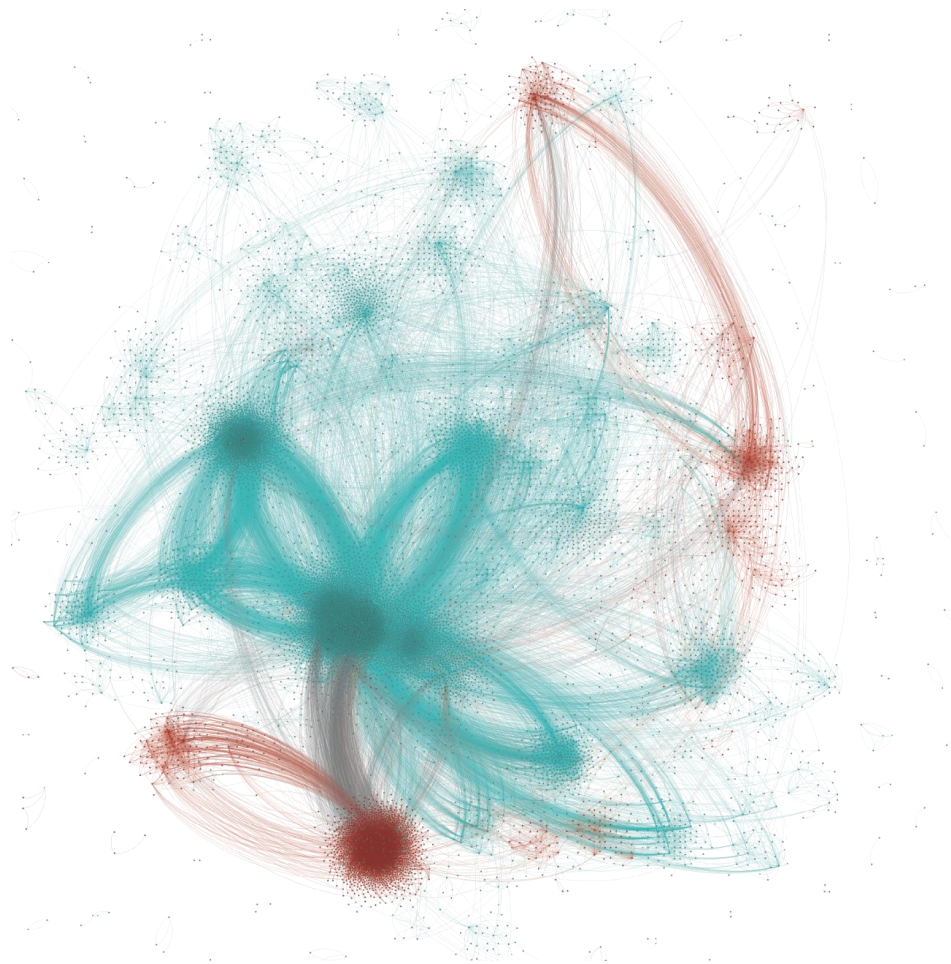




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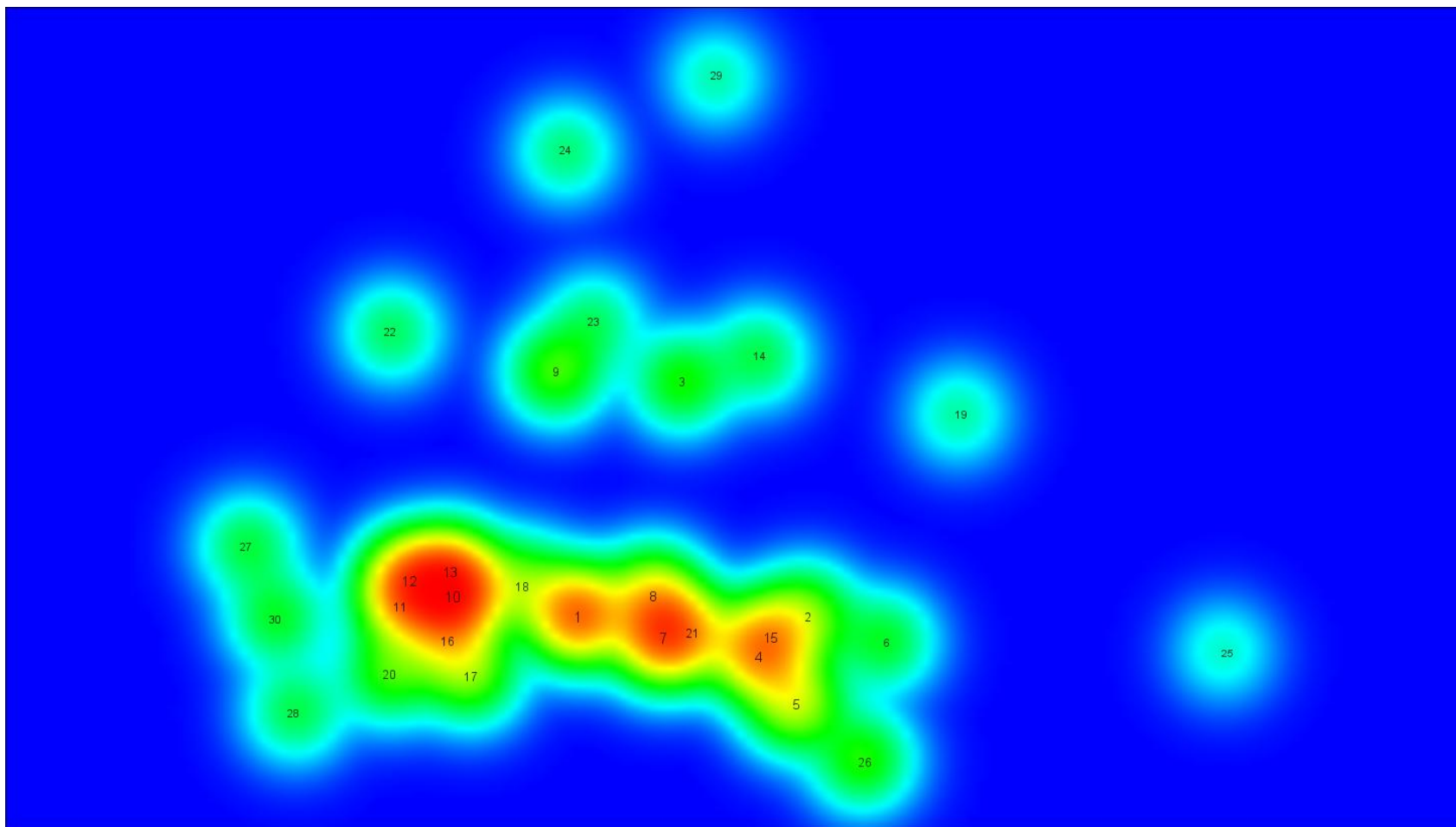




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Results school textbooks:



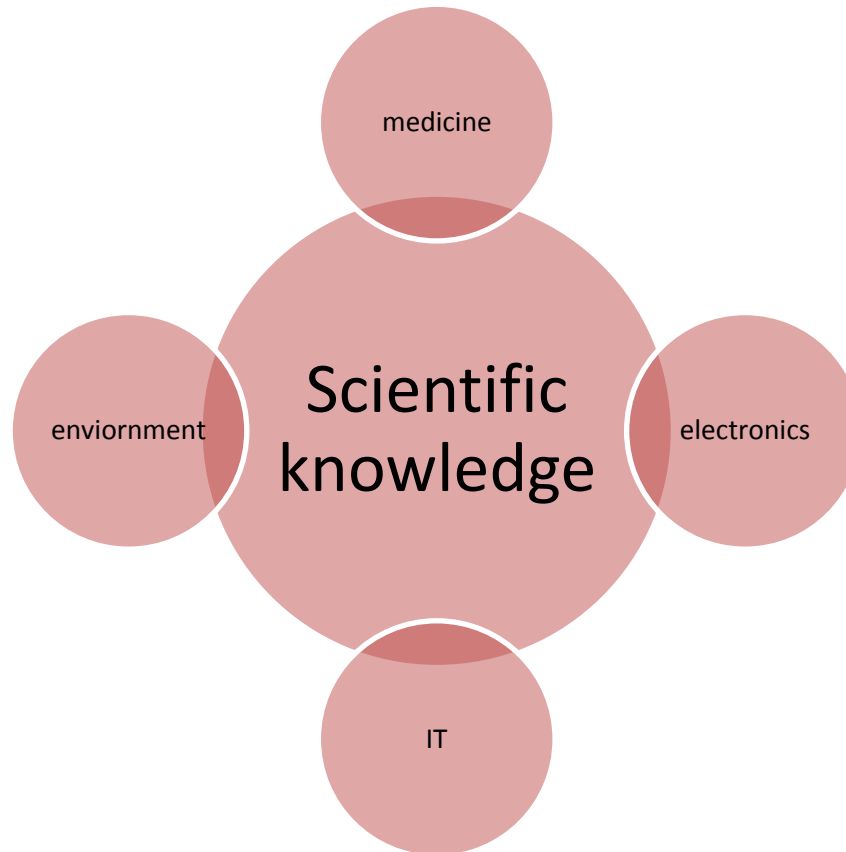
scientific
knowledge



social, moral or
legal
implications



Preliminary results Wikipedia:





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Thank you for your attention.

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