CNKI AMLC System’s Development and Application and the Plan for International Cooperation

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Features of CNKI AMLC system

• CNKI AMLC is based on China Knowledge Resource Integrated Database (CKRID), which takes CNKI 15 years to build. CNKI integrate internet resources of chinese and foreign languages and utilize its own core technology to make CNIK AMLC. The Academic Misconduct types it can screen are as follows:
  – Plagiarism
  – Duplicate pulication
  – Fake
  …
Features of CNKI AMLC system

• Rich academic literature full-text resources
  – It contains papers of Chinese journals, dissertations, conference papers since 1915. The total volume of literature is 82 million articles, and more than 20000 increase every day.
  – Academic literature resources on the Internet: One billion
  – Foreign Academic Resources: 20,000,000

• Rapid response speed
  – It takes only 0.2 seconds to detect a paper, it can even detect dissertations and books.

• It can detect Chinese literature, English literature, Russian literature, Japanese literature.

• Support different languages
  – It can detect Chinese paper in English resources.
CNKI Adaptive Multi-Level Fingerprint (AMLFP)

A paper

AMLFP

Full-text Resources

The Report
第二章 世界经济趋势经济连续9年增长以后,90年代开始逆转,世界经济形势的恶化以及各国经济的危机,都对影响经济实力对比及对国际
资金的争夺构成了不可抗力。此国经济经年平均增长率为3.2%,日本经济持续增长势头,而美国经济则陷入衰退困境。当前美国经济受宠大财政赤字,信给国和金融市场的脆弱的困扰,已“失去了 80年代那种对外国资本的吸引力”1990年“美国经济衰退迹象和美元汇率疲软状态,促使外商资本纷纷撤出美国”。1990年9月,美国经济衰退迹象和美元汇率疲软状态,促使外商资本纷纷撤出美国。
What kinds of problems AMLC system can solve in practice

- Editors examine and approve manuscripts
- Publishing
- University students education
- School students education
- Project application and inspection
- …...

It can improve the editorial departments, colleges and universities and project administration’s ability of finding the academic misconduct problems.
Application and effects of AMLC system in China

• 2008.12.23 – Now

• There are more than 5,000 users.
  – More than 4400 editorial departments (59%)
  – More than 600 colleges and universities (85%)
  – More than 30 presses

• AMLC has checked more than 3,000,000 academic papers.
The plan of further research and development in AMLC system

• multi- languages resources
  English, Japanese, France……

• Research and develop the technology of detecting tables and graphs, formulas, pictures and innovation points.
  We have completed the technology of detecting tables and graphs.

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The cooperation of international anti-plagiarism Alliance

• We call for the establishment of an international anti-plagiarism Alliance:
  – Standardization Committee
  – Technical Committee
  – Cooperation Committee
  ……

• Purpose: In order to give the global national academic institutions to provide a better service, prevent plagiarism.

• CNKI has excellent technology and the most complete Chinese resources in the world. We are willing to work for this goal.
THANKS

• CNKI Center of Research Integrity Management System

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