

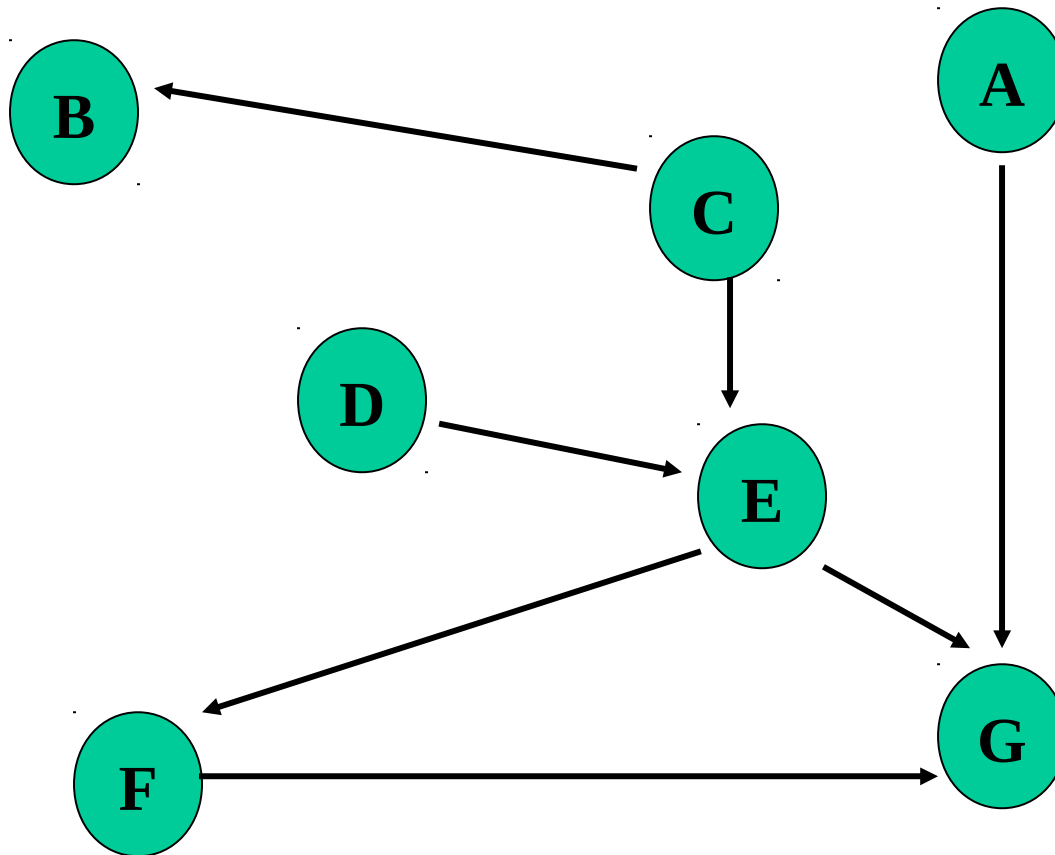
Building an autonomous citation index for grey literature: the Economics working papers case

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Building an autonomous citation index for grey literature

The scientific literature system



Building an autonomous citation index for grey literature

Similar projects

- Science Citation Index (ISI)
- CiteSeer (NEC Research Department)
- Citebase: Open Citation Project (JISC + NSF)
- CrossRef (PILA)
- CERN
- CitEc (RePEc)

Building an autonomous citation index for grey literature

RePEc (Research Papers in Economics):

- No commercial
- Distributed (+400 institutions world wide)
- archives *vs.* services
- Largest digital library in the academic community:
 - 140.000 working papers
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Technology Innovations and the Volatility of Output: An International Perspective

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My References:

- 1 Armington, P. (1969). A theory of demand for products distinguished by places of production. IMF Staff Papers, 27, 488--526.
- 2 Backus, D. K., Kehoe, P. J., & Kydland, F. E. (1992). International real business cycles. Journal of Political Economy, 100 (4), 745--775. ([RePEc:ucp:jpolec:v:100:y:1992:i:4:p:745-75](#))
- 3 Backus, D. K., Kehoe, P. J., & Kydland, F. E. (1994). Dynamics of the trade balance and the terms of trade: The J-curve?. American Economic Review, 84 (1), 84--103. ([RePEc:aea:aecrev:v:84:y:1994:i:1:p:84-103](#))
- 4 Balassa, B. & Kreinin, M. E. (1967). Trade liberalization under the Kennedy Round: The static effect. Review of Economics and Statistics, 44 (2), 125--137.
- 5 de Vries, B. A. (1951). Price elasticities of demand for individual commodities imported into the United States. IMF Staff Papers, 1 (3), 397--419.
- 6 Dellas, H. (1986). A real model of the world business cycle. Journal of International Money and Finance, 5, 381--394.
- 7 Hansen, G. D. (1989). Technical progress and aggregate fluctuations. Working paper 546, UCLA. ([RePEc:cla:uclawp:546](#))
- 8 Hodrick, R. & Prescott, E. C. (1980). Post-war U.S. business cycles: An empirical investigation. Graduate School of Industrial Administration, Carnegie Mellon University.
- 9 Kakwani, N. C. (1972). On the bias in estimates of import demand parameters. International Economic Review, 13 (2), 239--244. ([RePEc:ier:iecrev:v:13:y:1972:i:2:p:239-44](#))
- 10 Kemp, M. C. (1962). Errors of measurement and bias in estimates of import demand parameters. Economic Record, 38, 369--372.
- 11 Kreinin, M. E. (1961). The effects of tariff changes on the price and volume of imports. American Economic Review, 51 (3), 310--324.
- 12 Kydland, F. E. & Prescott, E. C. (1988). The workweek of capital and its cyclical implications. Journal of Monetary Economics, 21, 343--360.
- 13 Kydland, F. E. & Prescott, E. C. (1991). Hours and employment variation in business cycle theory. Economic Theory, 1 (1), 63--81.

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Results

CitEc last update: August 2004

- Information about 175.452 electronic documents (working papers + journal articles)
- Really available: 121.111 papers
- Of them:
 - 53.201 Successfully processed (44%)
 - Errors:
 - Conversion error: 10304
 - No English: 2062
 - No references: 24663
 - Incompatible format: 13708
 - Incorrect reference parsing: 17173

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Conclusions

- CitEc is an autonomous citation index which has been tested on a distributed digital library of grey literature.
- At the moment the system is:
 - Good for information retrieval
 - No so good for extraction of bibliometric indicators. Improvements needed are:
 - Better parsing algorithms
 - Better conversion programmes from PDF to ASCII
 - Lots of work to be done! Any help is wellcome!

That's all!
Thanks for your attention

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