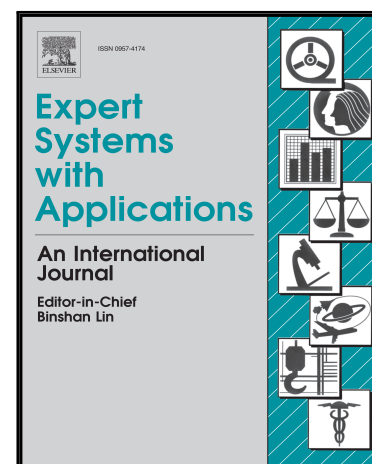


Accepted Manuscript

Trends in expert system development: A longitudinal content analysis of over thirty years of expert system case studies

William P. Wagner

PII: S0957-4174(17)30038-6
DOI: [10.1016/j.eswa.2017.01.028](https://doi.org/10.1016/j.eswa.2017.01.028)
Reference: ESWA 11076



To appear in: *Expert Systems With Applications*

Received date: 20 August 2016
Revised date: 23 December 2016
Accepted date: 24 January 2017

Please cite this article as: William P. Wagner , Trends in expert system development: A longitudinal content analysis of over thirty years of expert system case studies, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.01.028](https://doi.org/10.1016/j.eswa.2017.01.028)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Diagnostic Expert System applications continue to be the most popular.
- Synthetic type problem domains (such as design and planning) tend to yield higher impact systems.
- Rule-based knowledge representations tend to yield higher impact expert system applications.
- Unstructured interviews are not commonly used now for knowledge acquisition.
- In the past, structured and unstructured interviews tended to yield systems with equally high impact.

Download English Version:

<https://daneshyari.com/en/article/4943461>

Download Persian Version:

<https://daneshyari.com/article/4943461>

[Daneshyari.com](https://daneshyari.com)