

# The MIT Press

## Journals

[Sign In / Register](#)

[Books](#)

[Journals](#)

[Digital](#)

[Resources](#)

[About](#)

[Contact](#)

Home | [Computational Linguistics](#) | [List Article navigation of Issues](#) | [Volume 38 , No. 3](#) | [On the String Translations Produced by Multi Bottom-Up Tree Transducers](#)



# On the String Translations Produced by Multi Bottom-Up Tree Transducers

Quarterly (March, June, September, December)

160pp. per issue

6 3/4 x 10

Founded: 1974

2018 Impact Factor: 1.319

2018 Google Scholar h5-index: 32

ISSN: 0891-2017

E-ISSN: 1530-9312

### Journal

### Resources

- [Editorial Info](#)
- [Abstracting and Indexing](#)
- [Release Schedule](#)
- [Advertising Info](#)

### Author

### Resources

- [Submission Guidelines](#)
- [Publication Agreement](#)

[Daniel Gildea](#)

Posted Online March 09, 2012  
[https://doi.org/10.1162/COLI\\_a\\_00108](https://doi.org/10.1162/COLI_a_00108)

© 2012 Association for Computational Linguistics

Computational Linguistics  
Volume 38 | Issue 3 | September 2012  
p.673-693

[Download Options](#) >

**[Abstract](#)** **[Full Text](#)** **[Authors](#)**

Tree transducers are defined as relations between trees, but in syntax-based machine translation, we are ultimately concerned with the relations between the strings at the yields of the input and output trees. We examine the formal power of Multi Bottom-Up Tree Transducers from this point of view.

Author Reprints

Reader Resources

- Rights and Permissions
- Most Read
- Most Cited

More About Computational Linguistics ▼

Metrics ▼



|     |                         |
|-----|-------------------------|
| 4   | Total citations         |
| 0   | Recent citations        |
| n/a | Field Citation Ratio    |
| n/a | Relative Citation Ratio |

Open Access ▼

Computational Linguistics Computational Linguistics is Open Access. All content is freely available in electronic format (Full text HTML, PDF, and PDF Plus) to readers across the

Forthcoming

Most Read

[See More](#)

- |  |   |  |
|--|---|--|
| <p> <b>Lexicon-Based Methods for Sentiment Analysis</b> (14019 times)<br/>Maite Taboada et al.<br/>Computational Linguistics<br/>Volume: 37, Issue: 2, pp. 267-307</p> | <p> <b>Computational Linguistics and Deep Learning</b> (10513 times)<br/>Christopher D. Manning<br/>Computational Linguistics<br/>Volume: 41, Issue: 4, pp. 701-707</p> | <p> <b>Near-Synonymy and Lexical Choice</b> (3658 times)<br/>Philip Edmonds et al.<br/>Computational Linguistics<br/>Volume: 28, Issue: 2, pp. 105-144</p> |
|--|---|--|

(Note that the Most Read numbers are based on the number of full text downloads over the last 12 months.)

Most Cited

[See More](#)

- |  |   |  |
|--|---|--|
| <p> <b>Lexicon-Based Methods for Sentiment Analysis</b> (436 times)<br/>Maite Taboada et al.<br/>Computational Linguistics<br/>Volume: 37, Issue: 2, pp. 267-307</p> | <p> <b>A Systematic Comparison of Various Statistical Alignment Models</b> (174 times)<br/>Franz Josef Och et al.<br/>Computational Linguistics<br/>Volume: 29, Issue: 1, pp. 19-51</p> | <p> <b>Opinion Word Expansion and Target Extraction through Double Propagation</b> (147 times)<br/>Guang Qiu et al.<br/>Computational Linguistics<br/>Volume: 37, Issue: 1, pp. 9-27</p> |
|--|---|--|

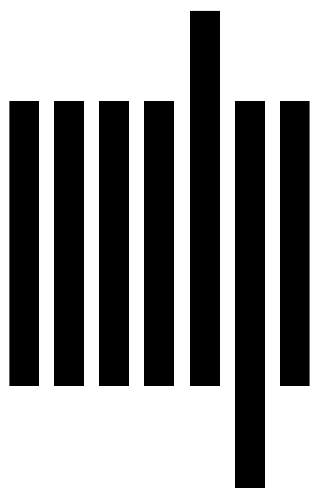
(Note that the Most Cited numbers are based on Crossref's [Cited-by service](#) and reflect citation information for the past 24 months.)

**Download Options** >

- |                           |                            |
|---------------------------|----------------------------|
| <p>Favorite </p>          | <p>Sign up for Alerts </p> |
| <p>Download Citation </p> | <p>RSS TOC </p>            |
| <p>RSS Citation </p>      | <p>Submit your article</p> |

[Support OA at MITP](#)

globe. All articles are published under a [CC BY-NC-ND 4.0 license](#). For more information on allowed uses, please view the CC license. [Support OA at MITP](#)



---

Journals

---

Books

---

US

---

One Rogers Street  
Cambridge MA  
02142-1209

---

Terms & Conditions

---

---

UK

---

Suite 2, 1 Duchess Street London,  
W1W 6AN, UK

---

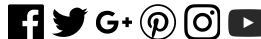
Privacy Statement

---

---

Connect

---



---

Contact Us

---

---

© 2018 The MIT Press  
Technology Partner:  
[Atypon Systems, Inc.](#)  
[CrossRef Member](#)  
[COUNTER Member](#)  
The MIT Press colophon is registered in the U.S. Patent and Trademark Office.  
[Site Help](#)