Web-сервис для конвертирования рукописных конспектов в LaTeX-документ

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Курс: Основы объектно ориентированного программирования (лабораторные, А. И. Панов)/Группа 571, весна 2017

Идея проекта

- Web-сервис для оцифровки конспектов и последующего быстрого редактирования
- Распознавание текста, формул и графиков с помощью нейросетевых технологий
- Совместное редактирование

Распределение по задачам

Гадаев Тамаз - тимлид

Распознавание

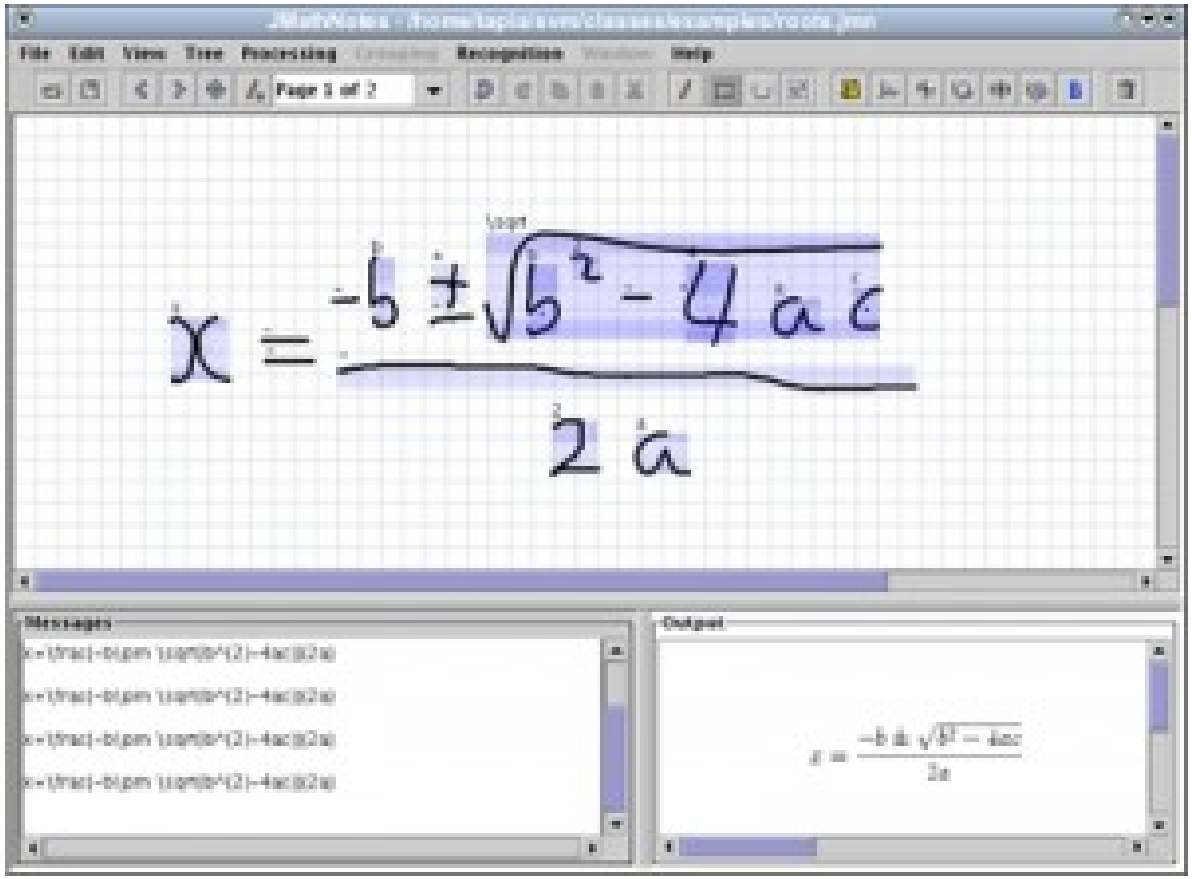
Моргачев Глеб

Back-end

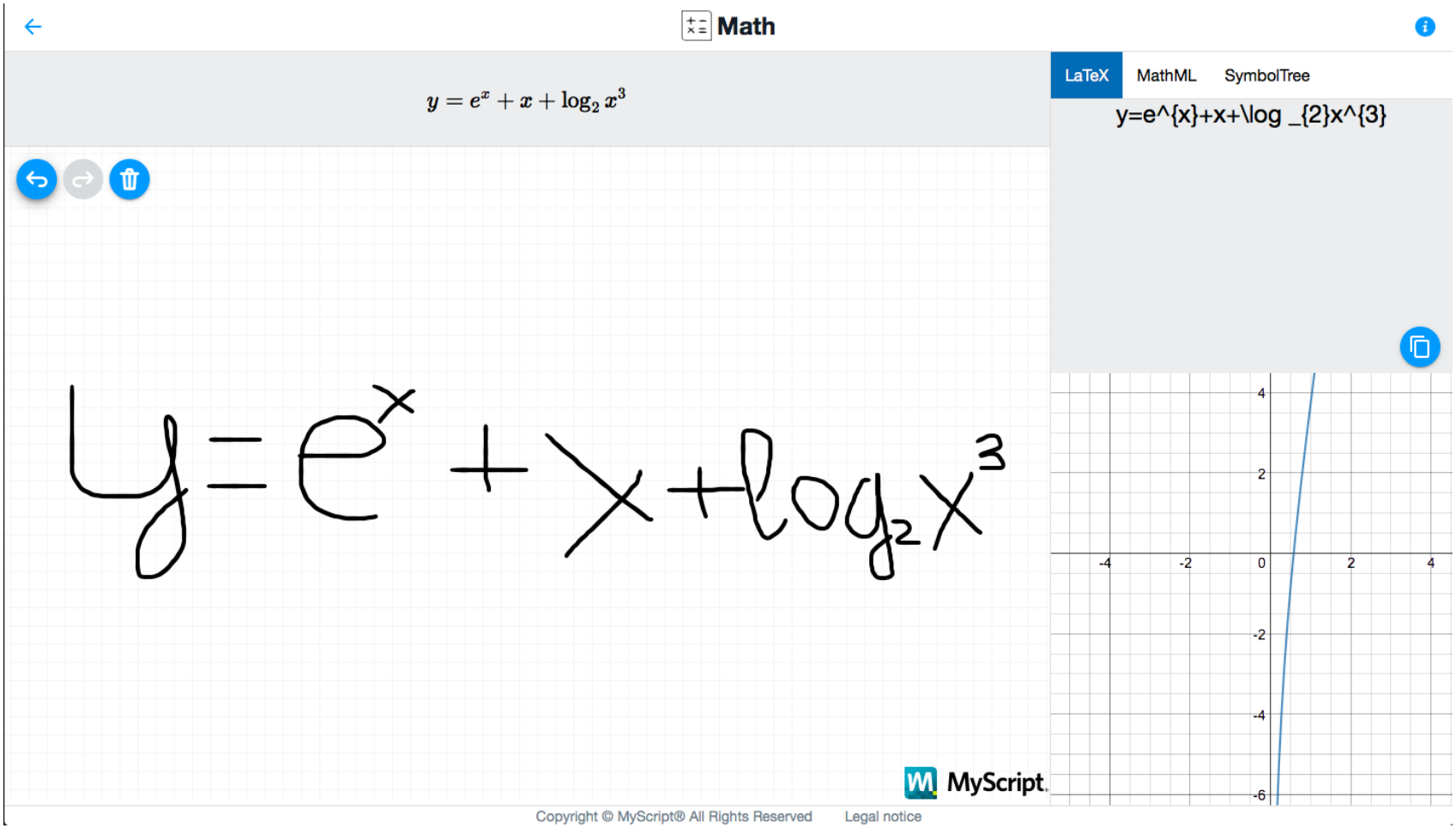
Шульгин Егор

Front-end

JMathNotes

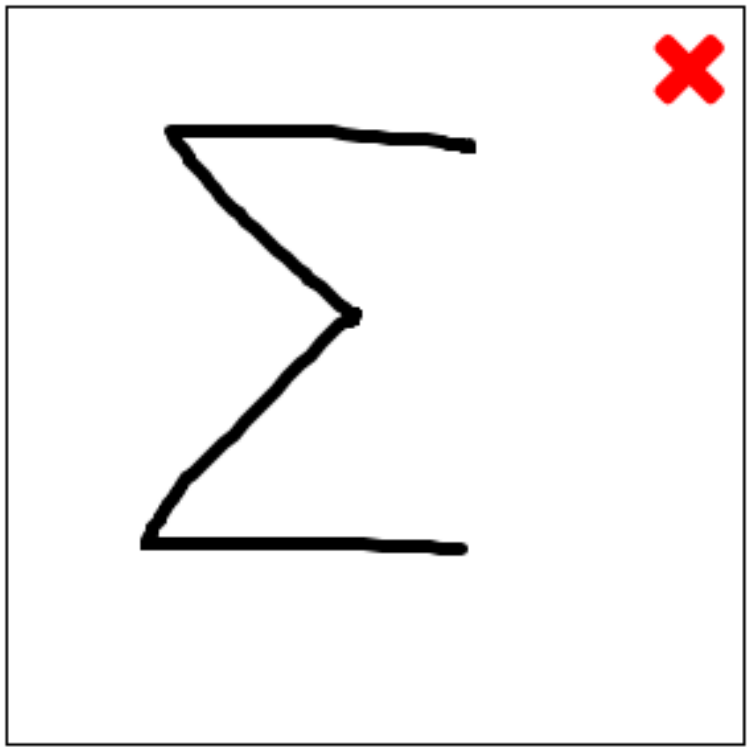

File Edit View Tree Processing Recognition Help
Messages
Output

Myscript


Math
$y = e^x + x + \log_2 x^3$
LaTeX
MathML
SymbolTree
y=e^{x}+x+\log _{2}x^{3}
MyScript
Copyright © MyScript® All Rights Reserved
Legal notice

Аналоги

Detexify classify symbols



Want a Mac app?

Lucky you. The Mac app is finally stable enough. See how it works on Vimeo. Download the latest version here.

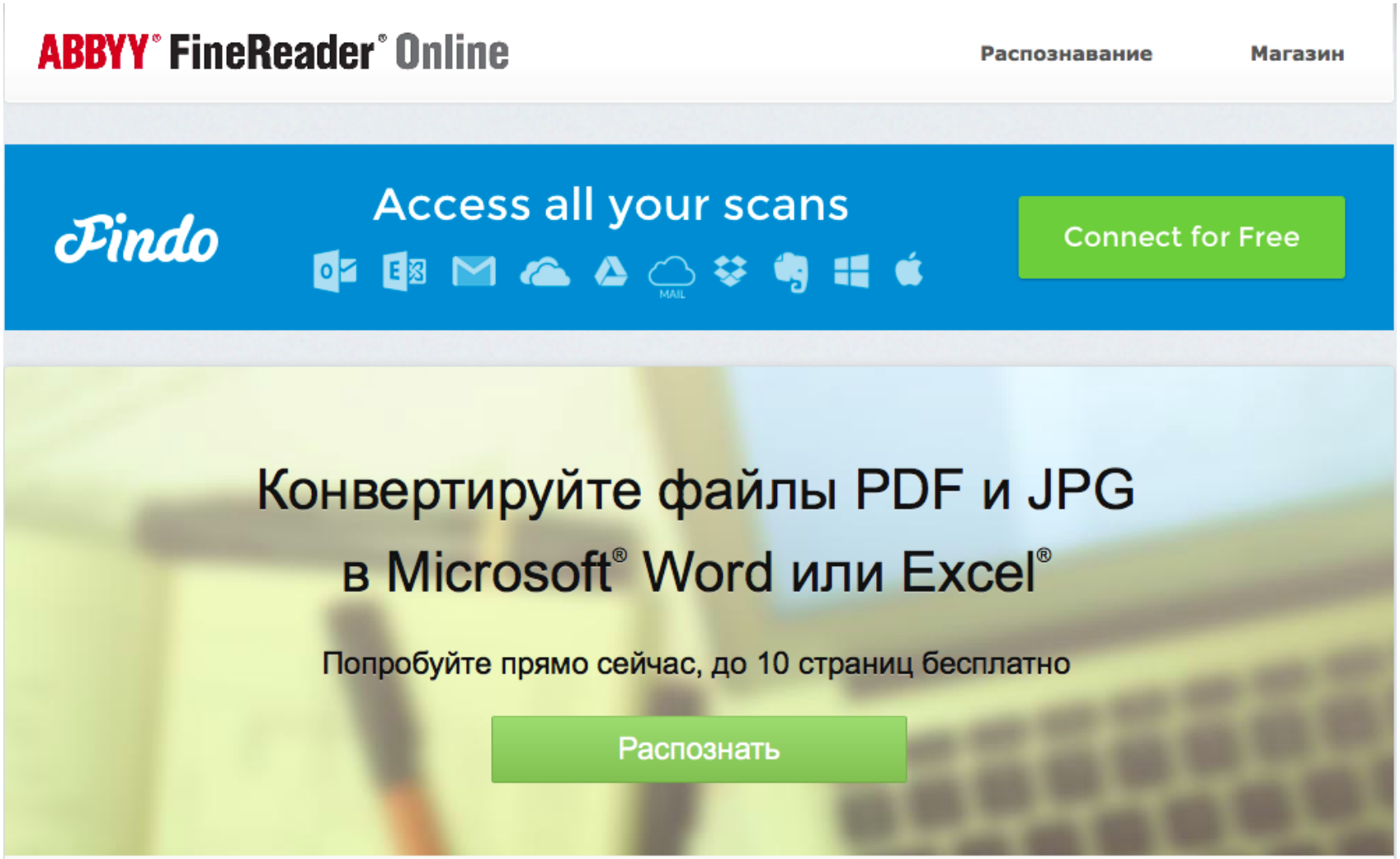
$\sum$ Score: 0.06322851888163088
`\Sigma`
mathmode

$\sum$ Score: 0.06343746558669645
`\sum`
mathmode

$\sum$ Score: 0.10360021009105175
`\usepackage{ upgreek }`
`\Upsigma`
mathmode

$\rightarrow$ Score: 0.14577248561994313
`\usepackage{ marvosym }`
`\MVRightarrow`
textmode

Аналоги


ABBYY FineReader Online
Распознавание
Магазин
Findo
Access all your scans
Connect for Free
Конвертируйте файлы PDF и JPG
в Microsoft® Word или Excel®
Попробуйте прямо сейчас, до 10 страниц бесплатно
Распознать

Датасет

CROHME: Competition on Recognition of Online Handwritten Mathematical Expressions

- Home
- Organizers
- Previous CROHMEs
- ICFHR'14 CROHME
- Data & Tools
- Tasks 2014

The current version of CROHME is being organized along with ICFHR 2014. Look at the Call for Participation.

Data and Tools

All data and tools provided here are freely available only for research purpose without any commercial use.

Description of Training and Test Data

Training and test data will be given in XML (more specifically in InkML) format. Separate grammar will be provided to understand the structure of the XML data. Click here to know more about the data file format.

The CROHME package provides training and test data from the competitions CROHME 2011, 2012 and 2013. Furthermore, thanks to the participants' authorization, we are allowed to distribute the results files from the majority of the submitted systems in 2012. Here is the description of all data directories:

- **CROHME2011_data** : all data from the CROHME 2011 competition:
  - **CROHME_test** : inkml test files without ground truth
  - **CROHME_testGT** : inkml test files with ground truth
  - **CROHME_train** : inkml train files with ground truth
  - **gram** : xml grammars and symbol lists for parts I and II
- **CROHME2012_data** : all data from the CROHME 2012 competition:
  - **testData** : inkml test files without ground truth
  - **testDataGT** : inkml test files with ground truth
  - **trainData** : inkml train files with ground truth
  - **gram** : xml grammars and symbol lists for parts I, II and III
  - **lists** : lists of inkml files and latex expressions for parts I, II and III

Особенности нашей реализации

- Работа в браузере
- Анализ всего документа
- Интеллектуальный онлайн-редактор