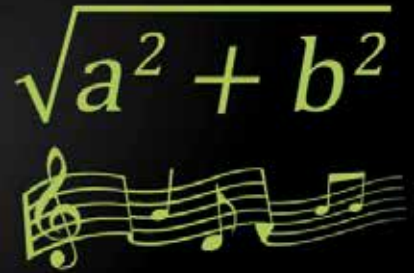




esybraille

*the ideal solution
for braille transcription*

Esybraille:
the right solution
to translate text
math and music



ESYBRAILLE and MATH

$$\sqrt{a^2 + b^2}$$

- stable translation of braille math into black ink characters, or vice versa
- formulas can be created in LibreOffice⁽²⁾ (for example) and then inserted directly without any additional changes in **esybraille** for embossing⁽¹⁾
- you can also type braille math code directly in **esybraille** and save the file in .odt format.
Saved files can be used with LibreOffice⁽²⁾ or exchanged with other fellow students and teachers.

ESYBRAILLE and MUSIC



- similar to math, **esybraille** manages international Braille music code and also allows you to translate, display and print your music in black ink characters, Braille or a combination of both.

Designed especially for persons with vision loss, **esybraille** allows you to type or translate Braille in different types of documents and to print both in black ink characters as well as in Braille⁽¹⁾.

Depending on your needs and habits, the documents may be:

- created with an **esys** Braille display,
- simply imported from another application

esybraille supports following formats:

- Word (.docx),
 - LibreOffice (.odt)
 - Plain text (.txt) or formatted (.rtf)
 - Acrobat files (.pdf)
 - Braille Duxbury (.brl)
- etc.

In addition, the OCR module allows you to import an image and start character recognition as well as conversion into text. **esybraille** can also import images from a scanner and run OCR recognition. Multiple dictionaries (synonyms, encyclopedia, conjugation, foreign languages in for example English and Spanish) supports effective processing of your texts.

⁽¹⁾ requires compatible embosser

⁽²⁾ powerful and free office suite (<http://www.libreoffice.org>)

*esybraille is available in several languages
contact us for more information*



Compatibility and versions

- **esybraille** is available for Windows and is compatible with **esys** Braille display series (with 12 to 80 cells)
- **esybraille** is also available in a special version for transcription centers, to be used with virtual Braille keyboards

example: screen capture

The screenshot shows the esybraille application window with a menu bar (File, Edit, Format, Braille type, Reading, Math, Window, Applications, Settings, Tools) and a main text area displaying Braille for the following terms:

- Fraction : [Braille]
- Trigonometry :
- Sine: [Braille] ou [Braille]
- Cosine: [Braille] ou [Braille]
- Tangent: [Braille] ou [Braille]
- Cotangent: [Braille] ou [Braille]
- Arc sine: [Braille] ou [Braille]
- Arc cosine: [Braille] ou [Braille]
- Arc tangent: [Braille] ou [Braille]
- Arc cotangent: [Braille] ou [Braille]
- Hyperbolic sine: [Braille]
- Hyperbolic cosine: [Braille]
- Hyperbolic tangent: [Braille]
- Hyperbolique cotangent: [Braille]

At the bottom, there is a 'Braille simulator' window showing a grid of Braille cells and a 'Preview' window showing the mathematical expression $\sqrt{\frac{x+1}{x+2}}$. The status bar at the bottom right reads 'Math esybraille 12 Black/White L1/277 C16'.



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