Compound Formats Sample

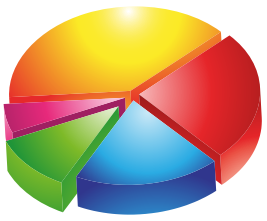
Barcodes

$$f'(a) = \lim_{h \to 0} \frac{f(a+h) - f(a)}{h}$$

MathML

using the JavaScript library

MathJax



SVG

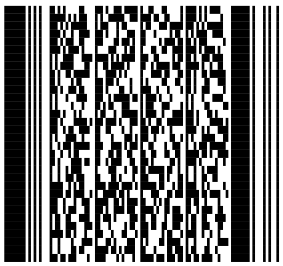
Barcodes

This chapter shows the barcode capabilities of PDFreactor by displaying various types of barcodes.

2D-Barcodes

QR Code

PDF417



DataMatrix

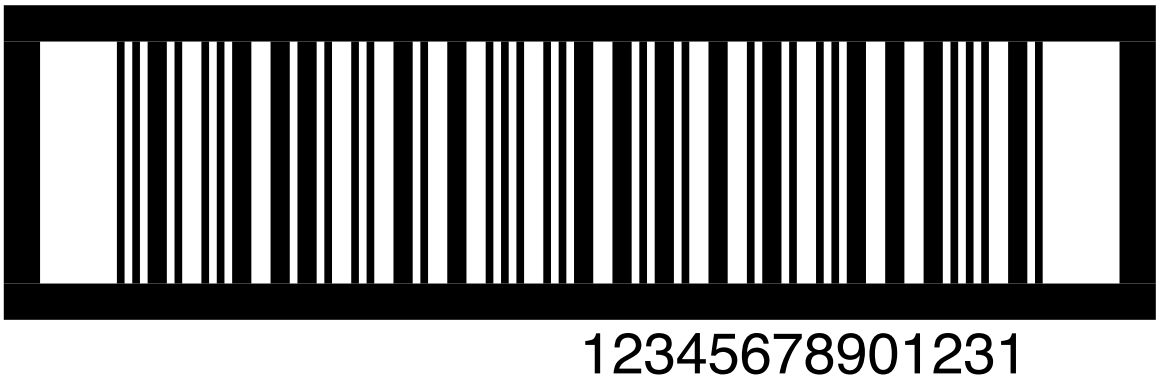
Worldwide Retail Barcodes

EAN-13

EAN-8

GS1-128 (EAN-128)

ITF-14:



North America Retail Barcodes

UPC-A

UPC-E:

Various Barcodes

Code 128

Code 39

Codabar

Interleaved 2 of 5

Postal Barcodes

POSTNET

Royal Mail CBC

USPS Intelligent Mail (4-State Customer Barcode)

MathML

This chapter displays various types of mathematical formulas, using the JavaScript library MathJax to convert MathML to SVG. (A reduced version of MathJax 2.7.5 is included with this sample, under the Apache License 2.0) MathJax can be used without changing source documents via a user-script included in the PDFreactor package.

$$\int_0^1 \frac{\mathrm{dx}}{(a+1)\sqrt{x}} = \pi$$

$$\int_{\mathrm{E}} (\alpha f + \beta g)\,\mathrm{d}\,\mu = \alpha \int_{\mathrm{E}} f\,\mathrm{d}\,\mu + \beta \int_{\mathrm{E}} g\,\mathrm{d}\,\mu$$

$$A = \begin{pmatrix} 9 & 8 & 6 \\ 1 & 2 & 7 \\ 4 & 9 & 2 \\ 6 & 0 & 5 \end{pmatrix} \text{ or } A = \begin{bmatrix} 9 & 8 & 6 \\ 1 & 2 & 7 \\ 4 & 9 & 2 \\ 6 & 0 & 5 \end{bmatrix}$$

$$\begin{bmatrix} a_{11} - \lambda & \cdots & a_{1\mathrm{n}} \\ \vdots & \ddots & \vdots \\ a_{\mathrm{n}1} & \cdots & a_{\mathrm{nn}} - \lambda \end{bmatrix} \begin{bmatrix} x_1 \\ \vdots \\ x_{\mathrm{n}} \end{bmatrix} = 0$$

$$\sqrt{x-3} + \sqrt{3x} + \sqrt{\frac{\sqrt{3x}}{x-3}} + i\frac{y}{\sqrt{2(r+x)}}$$

$$\sum_{n=0}^{t} f(2n) + \sum_{n=0}^{t} f(2n+1) = \sum_{n=0}^{2t+1} f(n)$$

$$\sqrt{x^2} = |x| = \begin{cases} +\mathrm{x} & , \mathrm{if} \quad x > 0 \\ 0 & , \mathrm{if} \quad x = 0 \\ -\mathrm{x} & , \mathrm{if} \quad x < 0 \end{cases}$$

$$H(j\omega) = \begin{cases} x^{-j\omega\sigma_0} & \mathrm{for} \quad \mid \omega \mid < \omega_\sigma \\ 0 & \mathrm{for} \quad \mid \omega \mid > \omega_\sigma \end{cases}$$

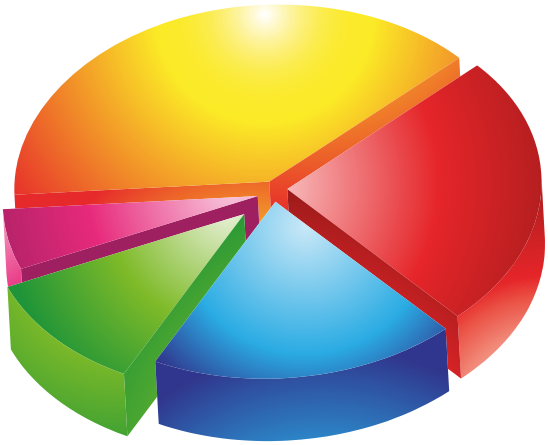
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

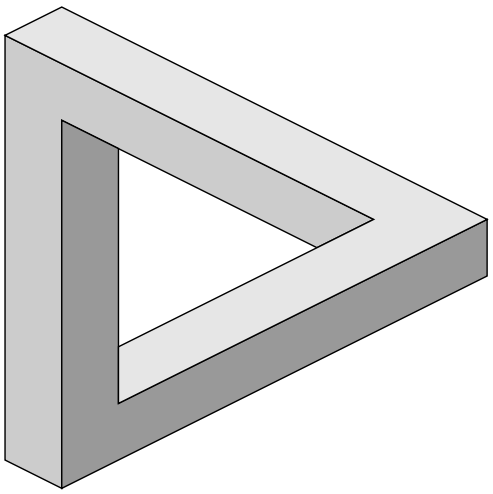
$$f\text{'}(a) = \lim_{\mathrm{h} \to 0} \frac{f(a+h) - f(a)}{h}$$

$$1 + \sum_{k=1}^{\infty} \frac{q^{k+k^2}}{(1-q)(1-q^2)\ldots(1-q^{\mathrm{k}})} = \prod_{j=0}^{\infty} \frac{1}{(1-q^{5j+2})(1-q^{5j+3})}, \text{ for } |q| < 1$$

Scalable Vector Graphics

This chapter shows the SVG capabilities of PDFreactor by displaying various types of scalable vector graphics.





PDF Images

This chapter shows that PDFreactor can automatically embed other PDFs as images. Any page from the PDF can be displayed as an image, in this case we are displaying the second page.