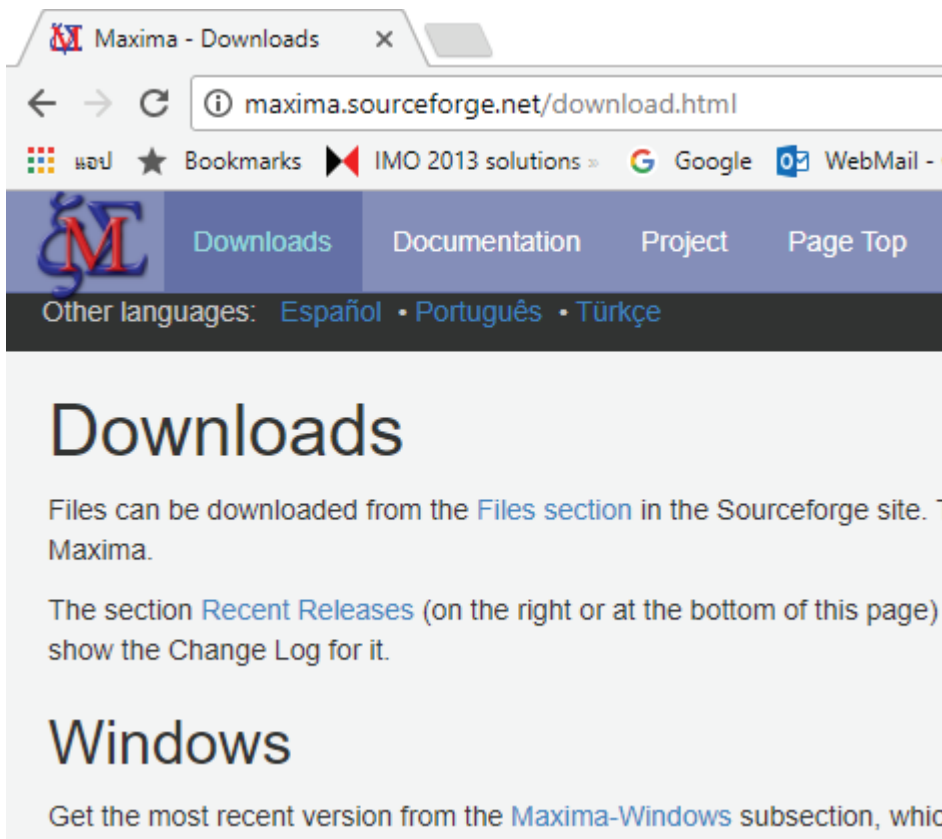
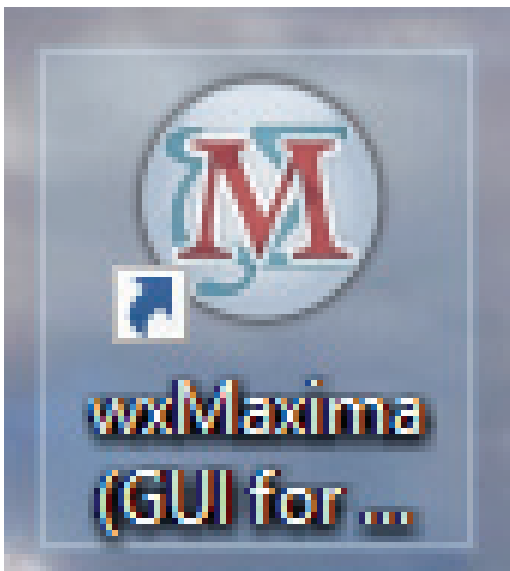


## 1. Download program



## 2. Install program

## 3. Run program



### 3. Window Maxima

wxMaxima 17.10.0 [ unsaved\* ]

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Greek Letters

$\alpha$   $\beta$   $\gamma$   $\delta$   $\epsilon$   $\zeta$   $\eta$   $\theta$   
 $\iota$   $\kappa$   $\lambda$   $\mu$   $\nu$   $\xi$   $\omicron$   $\pi$   
 $\rho$   $\sigma$   $\tau$   $\upsilon$   $\phi$   $\chi$   $\psi$   $\omega$   
A B  $\Gamma$   $\Delta$  E Z H  $\Theta$   
I K  $\Lambda$  M N  $\Xi$  O  $\Pi$   
P  $\Sigma$  T Y  $\Phi$  X  $\Psi$   $\Omega$

#### 4. การคำนวณเบื้องต้น

wxMaxima 17.10.0 [ unsaved\* ]

File Edit View Cell Maxima Equations Algebra Calculus Simplify Plot



Greek Letters

$\alpha$	$\beta$	$\gamma$	$\delta$	$\epsilon$	$\zeta$	$\eta$	$\theta$	(%i9)	$2+3;$
$\iota$	$\kappa$	$\lambda$	$\mu$	$\nu$	$\xi$	$\omicron$	$\pi$	(%o9)	5
$\rho$	$\sigma$	$\tau$	$\upsilon$	$\phi$	$\chi$	$\psi$	$\omega$	(%i10)	$25\cdot 32;$
A	B	$\Gamma$	$\Delta$	E	Z	H	$\Theta$	(%o10)	800
I	K	$\Lambda$	M	N	$\Xi$	O	$\Pi$	(%i11)	$25/1.2;$
P	$\Sigma$	T	$\Upsilon$	$\Phi$	X	$\Psi$	$\Omega$	(%o11)	20.833333333333334

Symbols

(%i12)	$2.5^2;$
(%o12)	6.25
(%i14)	$f(x):=x^2;$
(%o14)	$f(x):=x^2$
(%i15)	$f(2);$
(%o15)	4

## 5. limit

wxMaxima 17.10.0 [ unsaved\* ]

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Greek Letters

α β γ δ ε ζ η θ  
ι κ λ μ ν ξ ο π  
ρ σ τ υ φ χ ψ ω  
Α Β Γ Δ Ε Ζ Η Θ  
Ι Κ Λ Μ Ν Ξ Ο Π  
Ρ Σ Τ Υ Φ Χ Ψ Ω

Symbols

$\frac{1}{2}$   $^2$   $^3$   $\sqrt{\quad}$   $i$   $e$   $\hbar$   $\equiv$   
 $\exists$   $\#$   $\Rightarrow$   $\infty$   $\zeta$   $\blacktriangleright$   $\blacktriangleleft$   $/$   
 $\setminus$   $\sphericalangle$   $\bar{\quad}$   $\nabla$   $\Leftrightarrow$   $\pm$   $\neg$   $\perp$   
 $\Gamma$   $\subseteq$   $\subset$   $\$$   $\alpha$   $\hbar$   $\mathbb{H}$   $\partial$   
 $\int$   $\approx$   $\propto$   $\neq$   $\leq$   $\geq$   $\ll$   $\gg$   
 $\equiv$   $\Sigma$   $\Pi$   $\parallel$   $\perp$   $\sim$   $\rightarrow$   $\leftarrow$   
 $\blacksquare$   
 $\emptyset$   $\ddot{u}$   $\S$

(%i16) `limit(tan(3·x)/(4·x),x,0);`

(%o16)  $\frac{3}{4}$

(%i24) `limit(e^(-x),x,0,plus);`

(%o24) 1

(%i27) `limit(e^(-x),x,0,minus);`

(%o27) 1

(%i22) `f(x):=sin(x)/(1-x);`

(%o22)  $f(x) := \frac{\sin(x)}{1-x}$

(%i23) `limit(f(x),x,1,plus);`

(%o23)  $-\infty$

(%i31) `limit(log(x)/cot(x),x,0,plus);`

(%o31) 0

(%i32) `limit(x^x,x,0,plus);`

(%o32) 1

(%i34) `limit(1/(x-1)-1/log(x),x,1,minus);`

(%o34)  $-\frac{1}{2}$

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