# Export

Here, you find different representations of the following mathematical expression, so that you can insert it into a document or another application.

$$\frac{a\omega^2 \sin(\omega x)\left(\sin^4(\omega x) + 2\cos^2(\omega x)\sin^2(\omega x) - 6\cos^2(\omega x)\right)}{\left(\sin^2(\omega x) + 1\right)^3}$$

## LaTeX

For inserting into a LaTeX document:

```
\dfrac{a{\omega}^2\sin\left({\omega}x\right)\left(\sin^4\left({\omega}x\right)+2\cos^2\left({\omega}x\right)\sin^2\left({\omega}x\right)-6\cos^2\left({\omega}x\right)-1\right)}{\left(\sin^2\left({\omega}x\right)+1\right)^3}
```

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## Maxima

For inserting into the computer algebra system Maxima:

```
(a*omega^2*sin(omega*x)*(sin(omega*x)^4+2*cos(omega*x)^2*sin(omega*x)^2-6*cos(omega*x)^2-1))/(sin(omega*x)^2+1)^3
```

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## Online calculators

For inserting into the derivative/integral calculator:

```
(a*omega^2*sin(omega*x)*(sin(omega*x)^4+2*cos(omega*x)^2*sin(omega*x)^2-6*cos(omega*x)^2-1))/(sin(omega*x)^2+1)^3
```

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