

iamc://horse.mcs.kent.edu:9899 - Dragonfly

File Edit View Font Template Output Help

Disconnect Connect Re-Connect Home Clean Stop

Location: iamc://horse.mcs.kent.edu:9899

```
> sqrt(-25*x^2+y);
```

$$5|X|\sqrt{-Y}$$

```
> diff(log(x),x);
```

$$\frac{1}{X}$$

```
> factor(x^3+y^3);
```

$$(Y + X)(Y^2 - XY + X^2)$$

```
> expand(x*(x+1)*(x+2)*(x+3));
```

$$X^4 + 6X^3 + 11X^2 + 6X$$

```
> integrate(f(x),x);
```

$$\int F(X) dX$$

```
> integrate(1/x,x);
```

$$\log(X)$$

```
>
```

Command: ? Remote Help

Ready to take next command

factor - Factor a Multivariate Polynomial

Calling Sequences:

factor(a)

Parameters:

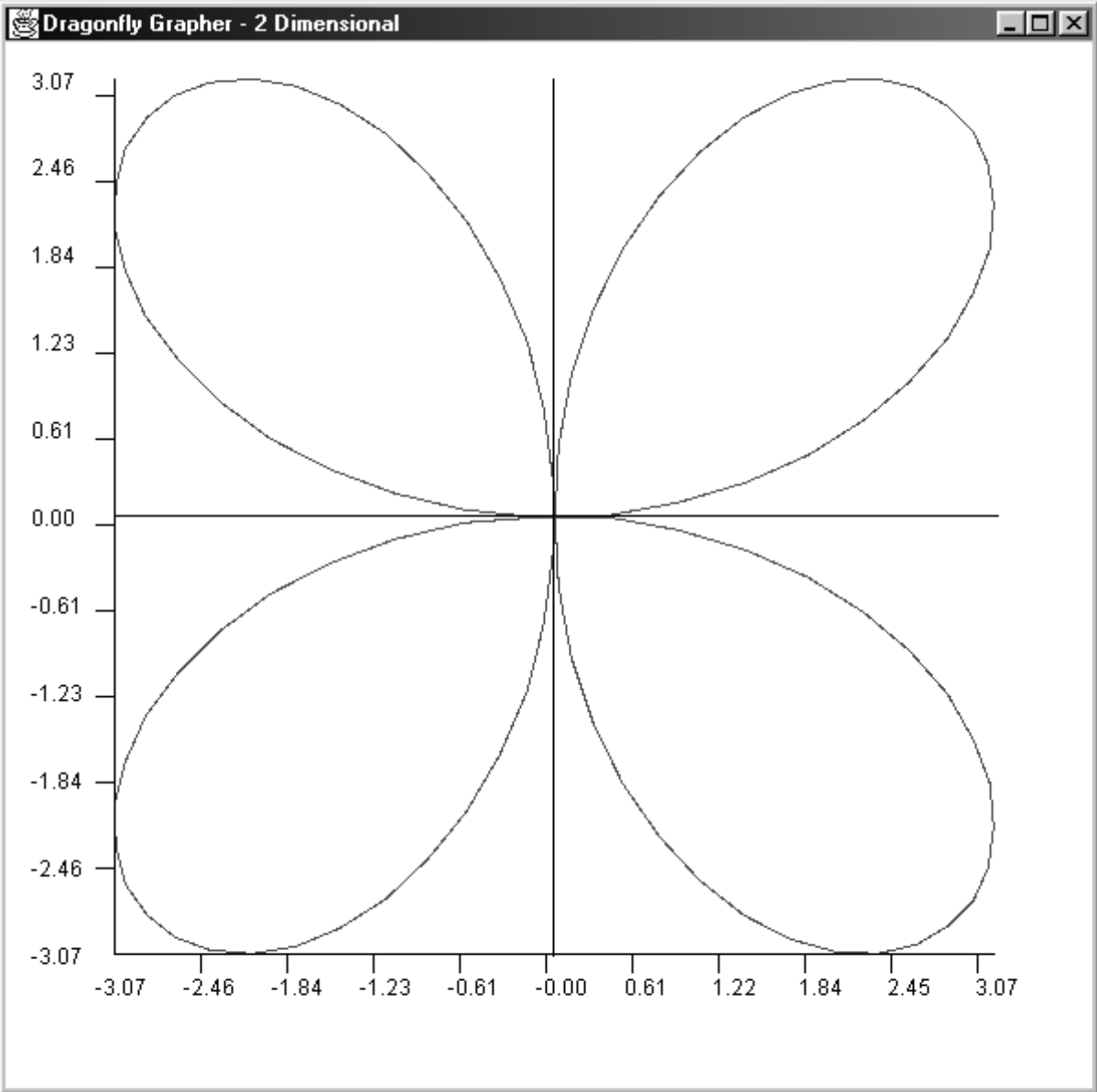
a - an expression

Description:

The function factor computes the factorization of a multivariate polynomial with integer, rational, (complex) numeric, or algebraic number coefficients.

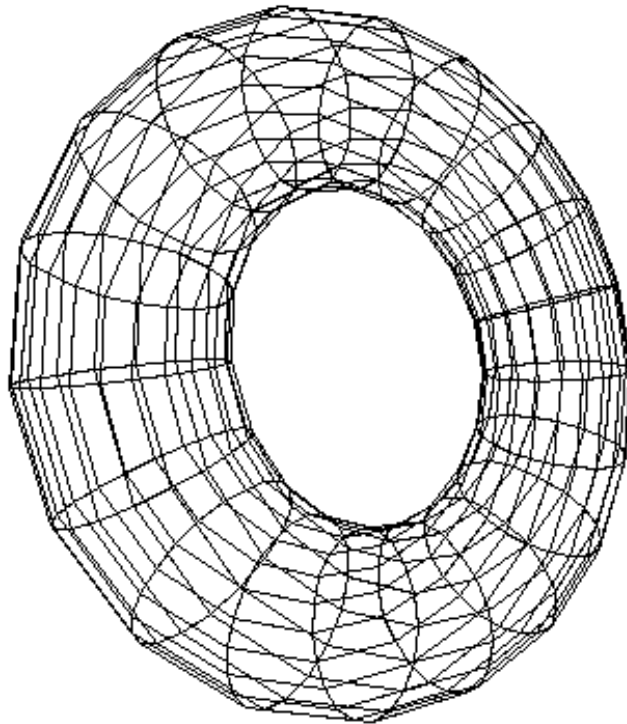
Examples:

- factor($6*x^2+18*x-24$);
- factor(x^3+5);
- factor(x^3+y^3);





Dragonfly Grapher - 3 Dimensional



Left



Right



Up



Down