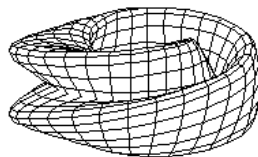


```

ztics      = none,
axis_3d    = false,
surface_hide = true,
parametric_surface((2+cos(u/2)*sin(v)-sin(u/2)*sin(2*v))*cos(u),
(2+cos(u/2)*sin(v)-sin(u/2)*sin(2*v))*sin(u),
sin(u/2)*sin(v) + cos(u/2)*sin(2*v),
u, -%pi, 360*%pi/180-%pi, v, 0, 2*%pi) )$

```

Figure 8 - Klein bottle



(%t1)

```
(%i2) 'integrate(sqrt(a+x)/x^5,x,1,2) = integrate(sqrt(2+x)/x^5,x,1,2);
```

$$(\%o2) \int_1^2 \frac{\sqrt{x+a}}{x^5} dx = \frac{5\sqrt{2} \log(5 - 2\sqrt{2}\sqrt{3}) + 548\sqrt{3}}{2048} - \frac{15\sqrt{2} \log(3 - 2\sqrt{2}) + 244}{6144}$$

```
(%i3) solve(x^2+x+1);
```

$$(\%o3) [x = -\frac{\sqrt{3}\%i + 1}{2}, x = \frac{\sqrt{3}\%i - 1}{2}]$$

ENTRADA:

Simplificar Simplificar (r) Factorizar Expandir Resolver... Gráficos 2D...

Simplificar(tr) Expandir (tr) Reducir (tr) FormaCart. Resolver EDO Gráficos 3D...

Introducir matriz

| | 1 | 2 | 3 |
|---|----------|---------|-------------|
| 1 | sin(1) | sqrt(7) | 2 + x/8 |
| 2 | 1 | a+b | 34! |
| 3 | erf(3/4) | -8/9 | diff(x^3,x) |

Cancelar Aceptar