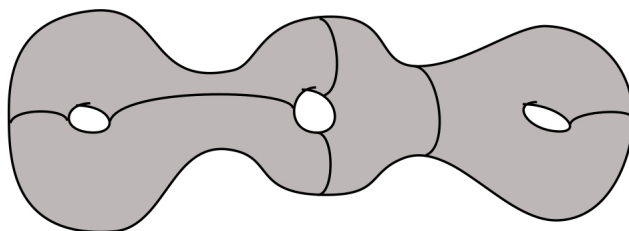

ToFu : Topologie eFfective et calcUl

Projet équipe-action
Mathematics : from Fundamentals to Applications

$$x^2 + y^2 + z^2 = 3xyz$$



1 Capture d'écrans

1.1 Why retype this eqn ?

$$\begin{aligned}
 2z^2 + w^2 &= (w \quad z) \begin{pmatrix} 1 & 0 \\ 0 & 2 \end{pmatrix} \begin{pmatrix} w \\ z \end{pmatrix} \\
 &= (x \quad y) \begin{pmatrix} 2 & -2 \\ -2 & 3 \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix} \\
 &= 2x^2 - 4xy + 3y^2.
 \end{aligned}$$

1.2 Why redo these drawings ?

