Title

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Wednesday 30$^{\text{th}}$ September, 2020

Contents

1 | Dehn Twists

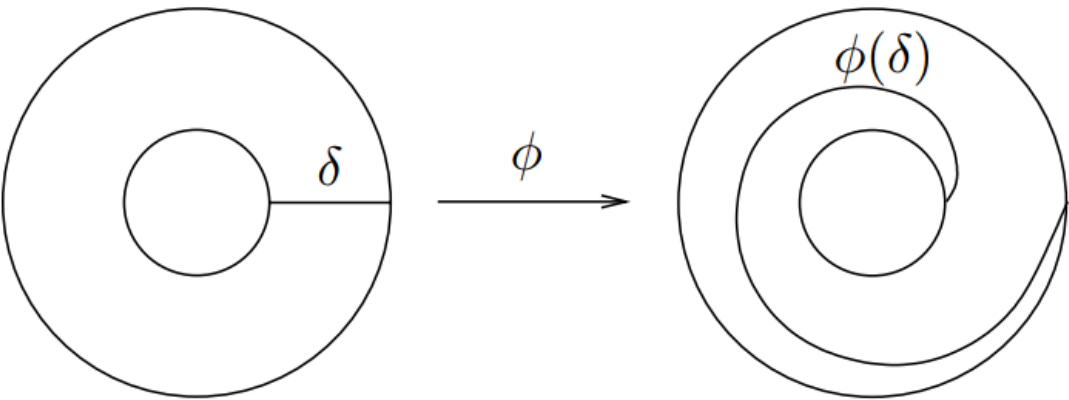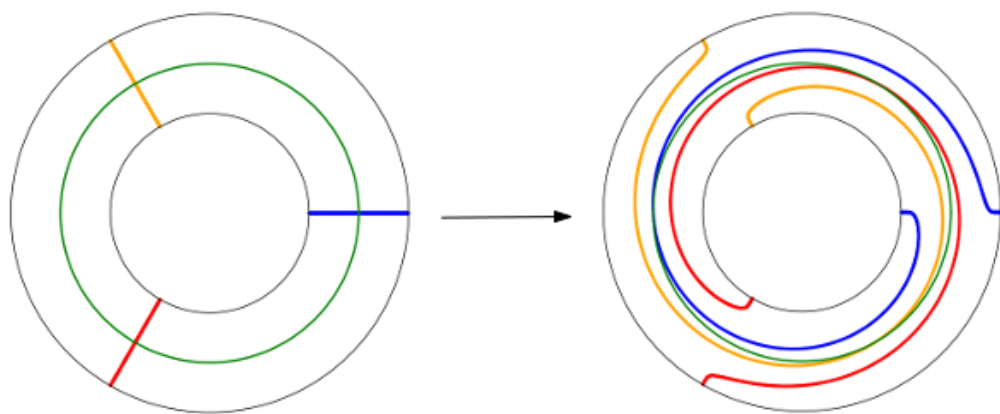See complex function plotter,or on planet earth

Figure 2.5 A generator for $\text{Mod}(A)$.

Figure 1: Image

Twist de Dehn à droite

Figure 2: Better Dehn Twist

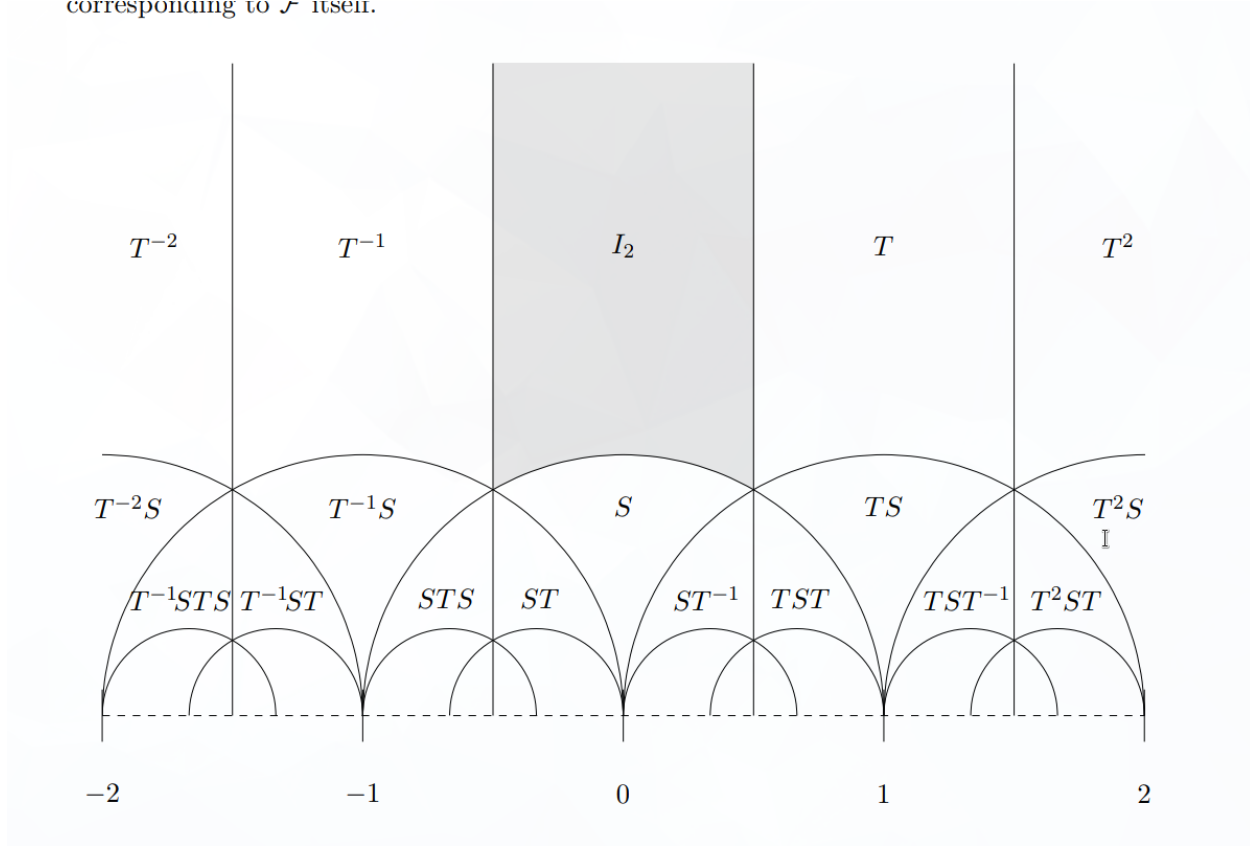corresponding to $\mathcal{F}$ itself.

Figure 3: Fundamental Domains of $\mathrm{SL}(2, \mathbb{Z})$ acting on $\mathbb{H}$.
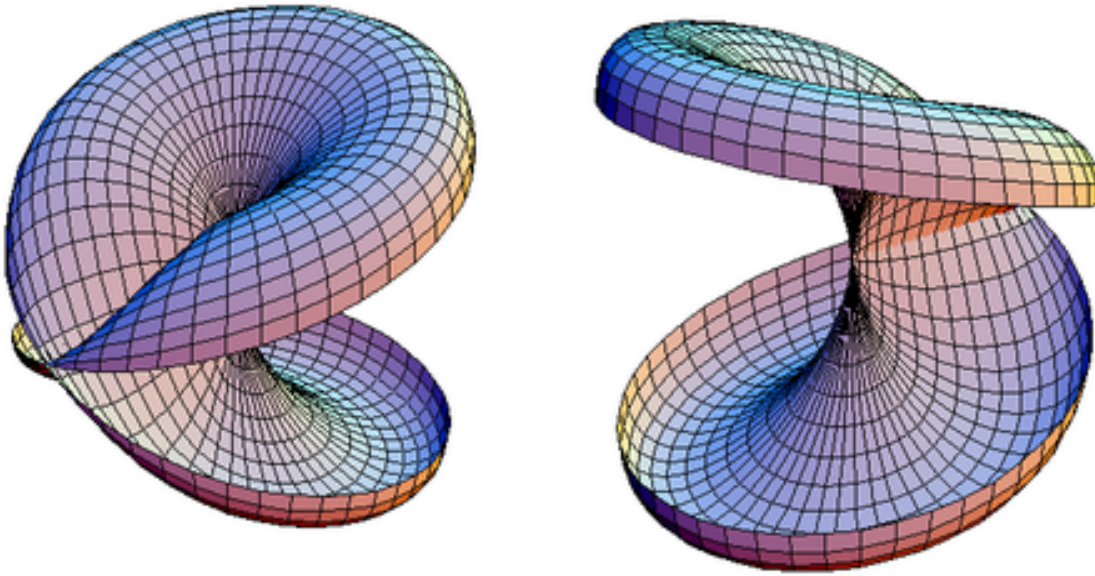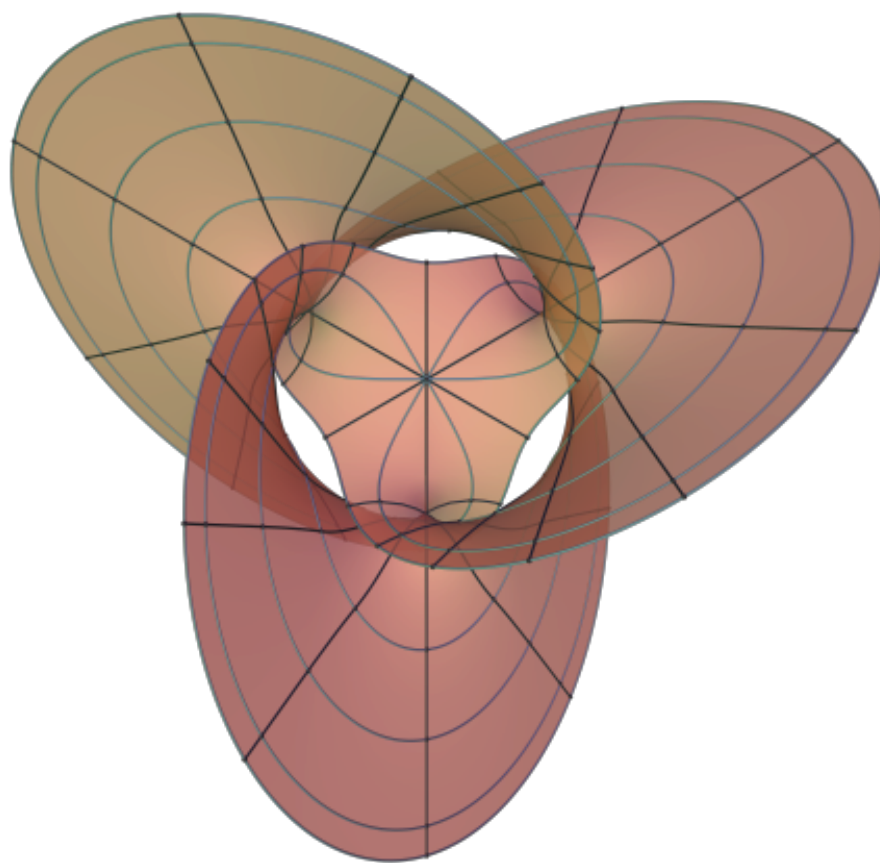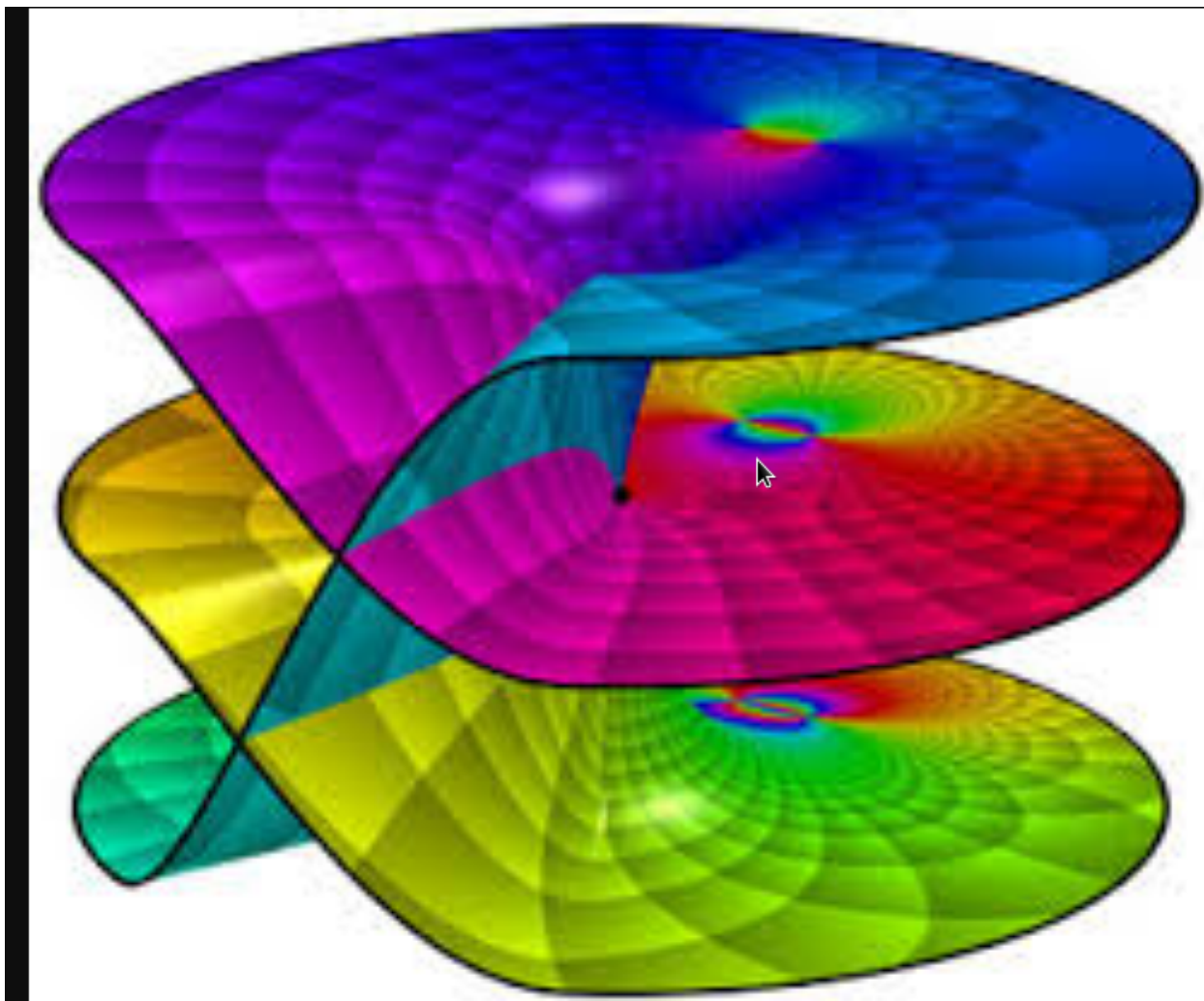
Figure 4: Real Projective Plane
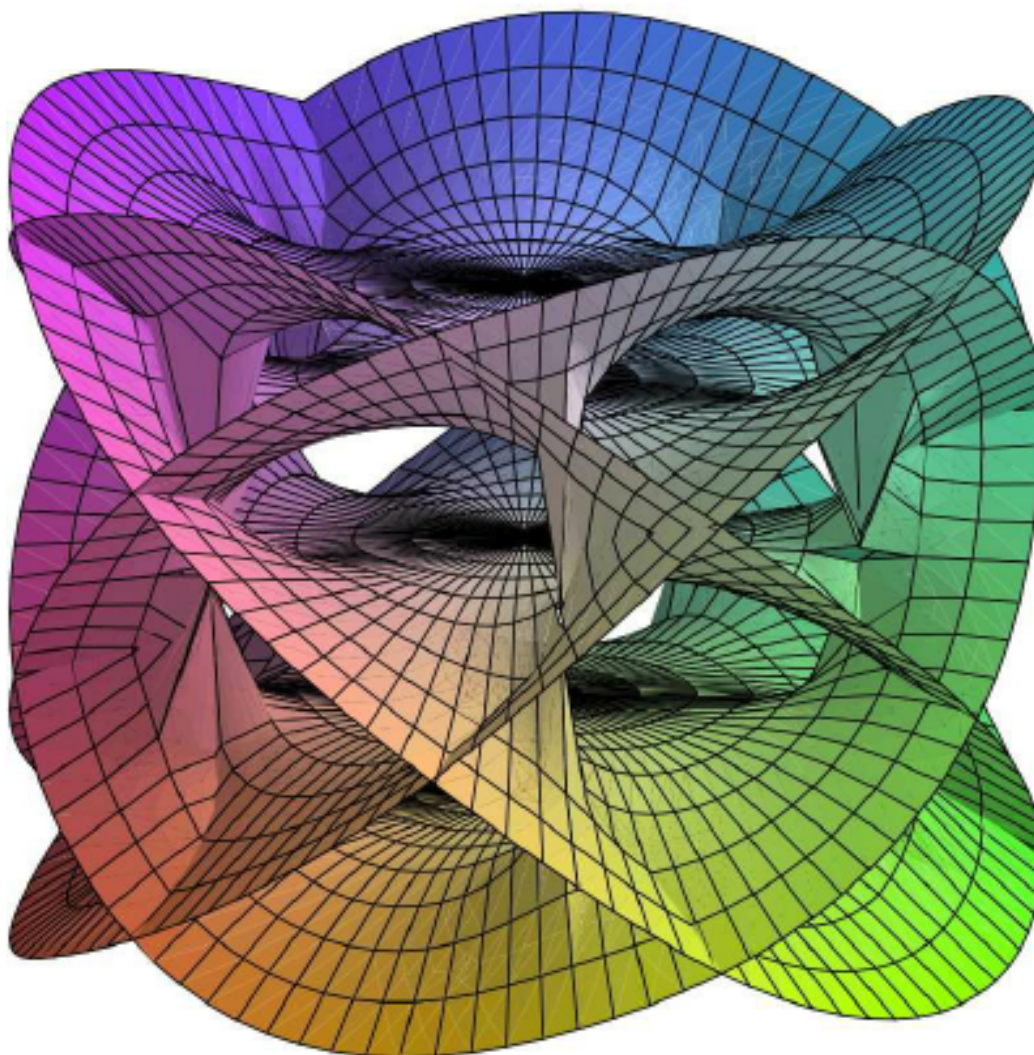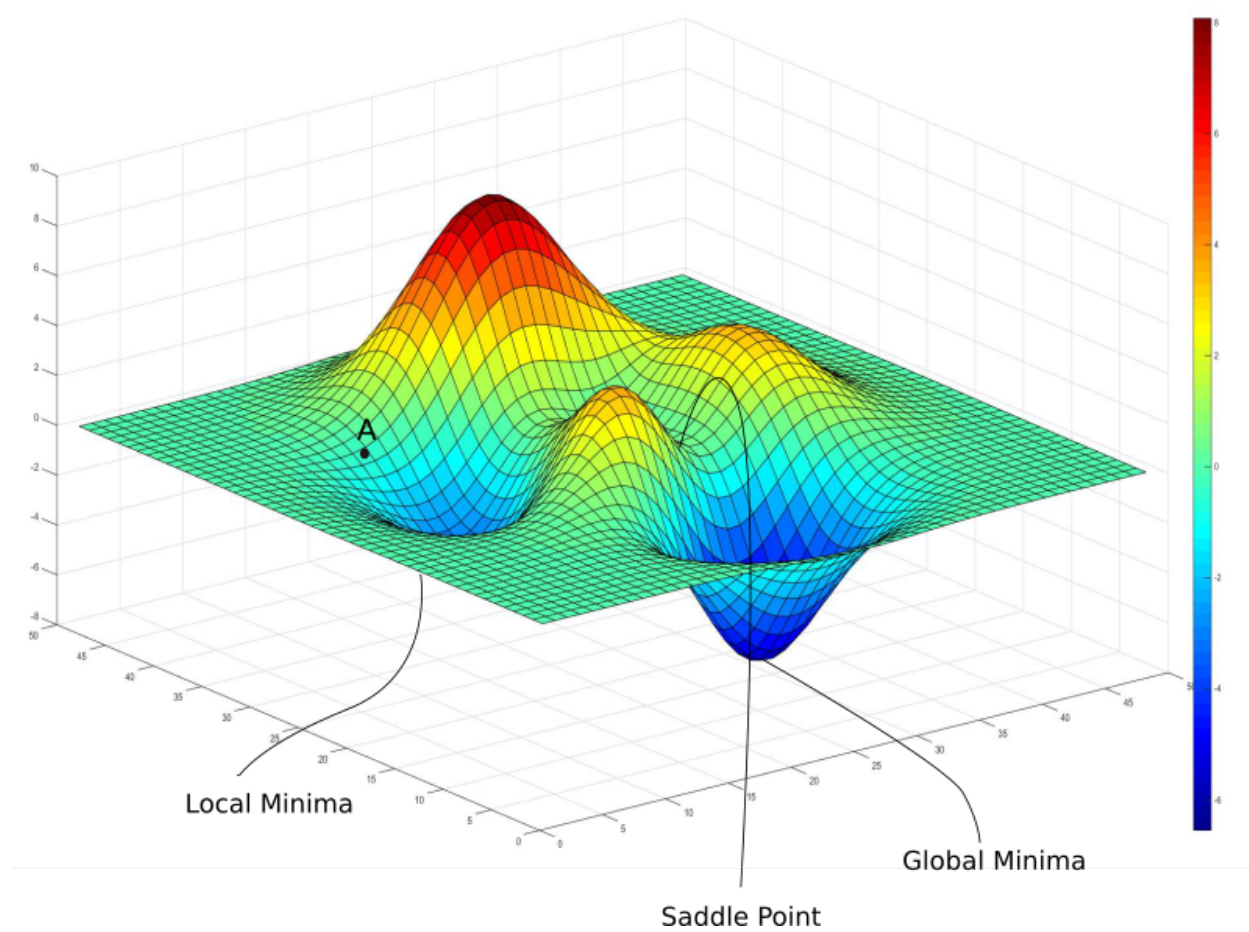
Figure 5: Surface

Figure 6: Another surface

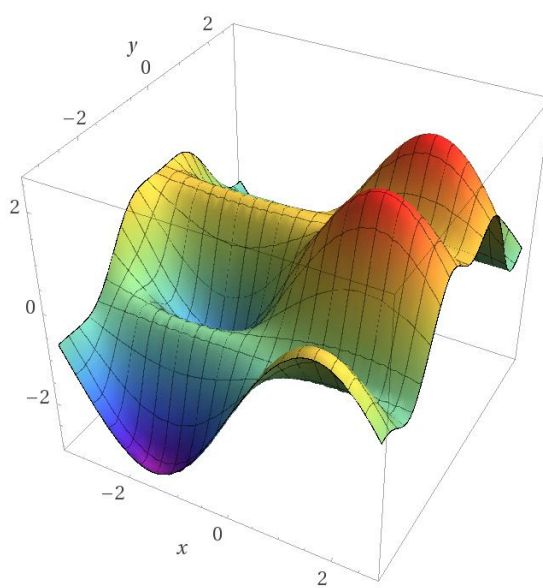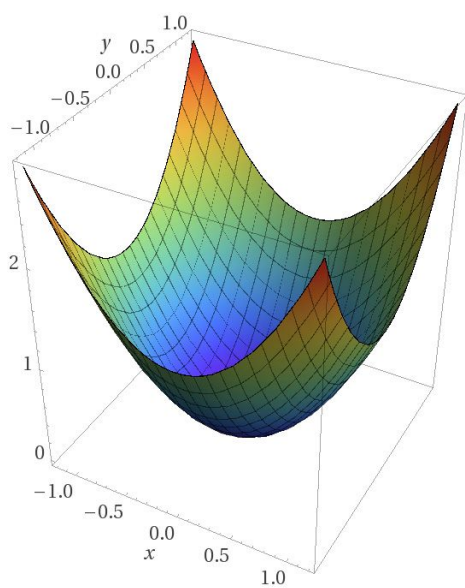Figure 7: More surfaces

Figure 8: Gradient Descent

Figure 9: More Gradient