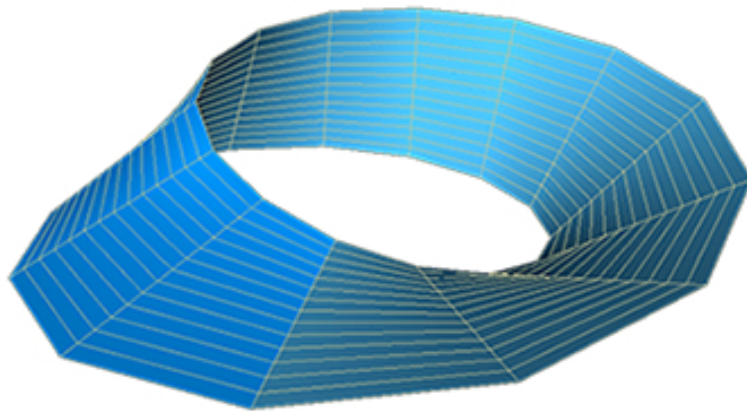


POVRŠI U PROSTORU

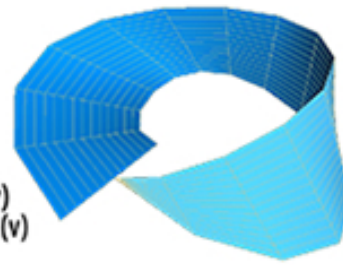


Inicijalna forma-jednačina Moebius-ove trake. Moebius-ova traka je otkrivena 1858.godine. To je površ samo sa jednom stranom. Izmenom prvobitne forme jednačine Moebius-ove trake dobija se oblik koji se zahvaljujući svojoj arhitektoničnosti može smestiti u urbani prostor.

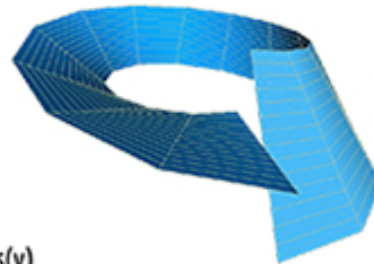
$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v) \\ Y f(u,v) &= \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/2) \\ -0.4 &\leq u \leq 0.4 \\ 0 &\leq v \leq 2 * \pi \end{aligned}$$



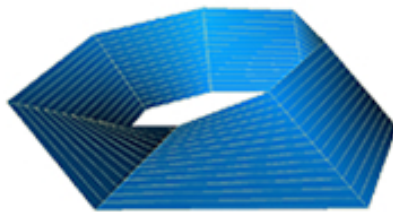
$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v) \\ Y f(u,v) &= 4 * \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/2) \\ -0.4 &\leq u \leq 0.4 \\ 0 &\leq v \leq 2 * \pi \end{aligned}$$



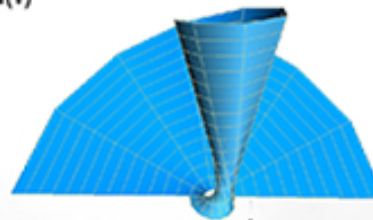
$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v/4) \\ Y f(u,v) &= \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/2) \\ -0.4 &\leq u \leq 0.4 \\ 0 &\leq v \leq 2 * \pi \end{aligned}$$



$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v) \\ Y f(u,v) &= \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/4) \\ -0.4 &\leq u \leq 0.4 \\ 0 &\leq v \leq 2 * \pi \end{aligned}$$



$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v) \\ Y f(u,v) &= \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/2) \\ -0.4 &\leq u \leq 0.4 \\ -2 * \pi &\leq v \leq 2 * \pi \end{aligned}$$



$$\begin{aligned} X f(u,v) &= \cos(v) + u * \cos(v/2) * \cos(v) \\ Y f(u,v) &= \sin(v) + u * \cos(v/2) * \sin(v) \\ Z f(u,v) &= u * \sin(v/2) \\ -0.4 &\leq u \leq 0.4 \\ 0 &\leq v \leq 10 \end{aligned}$$

