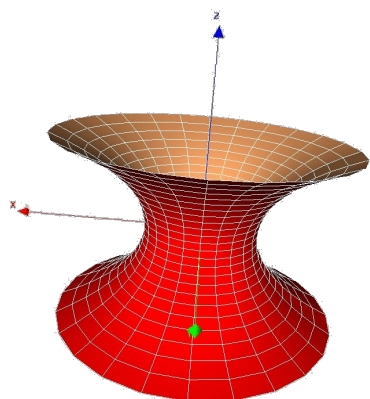
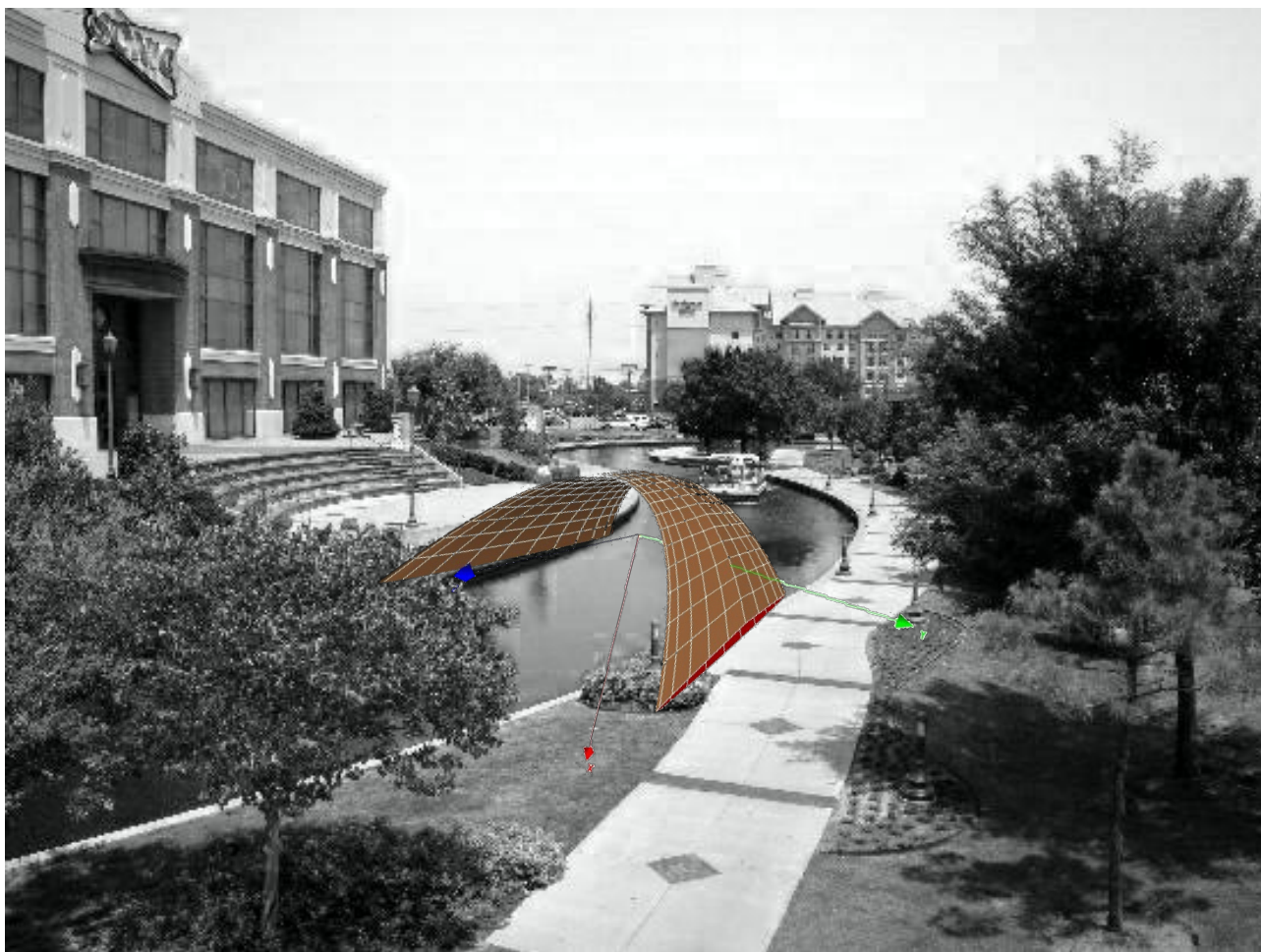


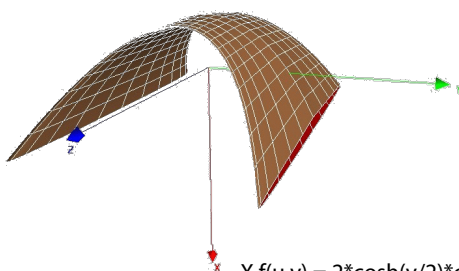
# POVRŠI U PROSTORU



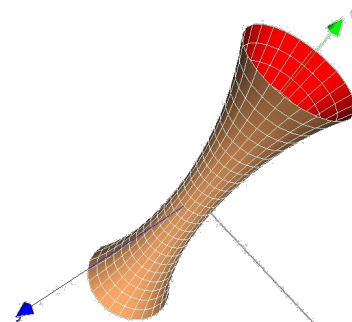
Inicijalna forma-Catenoid.

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

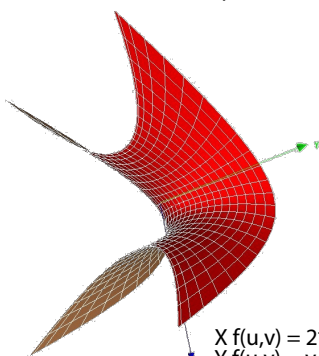
Modifikacijom inicijalne jednačine klein-a dobija se forma izražene arhitektoničnosti. Istraživanjem je dobijena forma specifične arhitektonike, koja podseća na most.



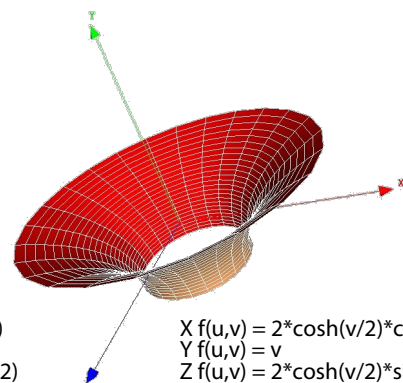
$$\begin{aligned} X f(u,v) &= 2*\cosh(v/2)*\cos(u/8) \\ Y f(u,v) &= v \\ Z f(u,v) &= 2*\cosh(v/2)*\sin(u) \\ -\pi &\leq u \leq \pi \\ -\pi &\leq v \leq \pi \end{aligned}$$



$$\begin{aligned} X f(u,v) &= 2*\cosh(v/2)*\cos(u) \\ Y f(u,v) &= 5*v \\ Z f(u,v) &= 2*\cosh(v/2)*\sin(u) \\ -\pi &\leq u \leq \pi \\ -\pi &\leq v \leq \pi \end{aligned}$$



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



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