

PRAMETARSKI DEFINISANE POVRŠI

Definicija površi u Mathcadu i grasshopper definicija.
Grasshopper definicija omogućava brzo generisanje površi i kontrolisanje njihove geometrije menjanjem parametara.



innerR=0.0000
outerR=0.0000
ratio=0.0001
pen=12.750
Ucycle=3
Ucount=3
Vcycle=2
Vcount=36



innerR=0.0000
outerR=0.0000
ratio=0.9800
pen=12.750
Ucycle=3
Ucount=3
Vcycle=2
Vcount=36



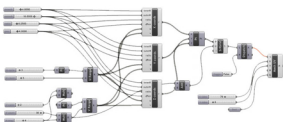
innerR=0.0000
outerR=0.0000
ratio=0.4801
pen=12.750
Ucycle=3
Ucount=3
Vcycle=2
Vcount=36



innerR=0.0000
outerR=0.0000
ratio=2
pen=12.750
Ucycle=3
Ucount=3
Vcycle=2
Vcount=36



innerR=0.0000
outerR=0.0000
ratio=0.2241
pen=12.750
Ucycle=3
Ucount=3
Vcycle=2
Vcount=36



$$F(u,v) = (\text{outerR} - \text{innerR}) * \cos(\text{ratio} * v) + (d\text{Pen} + u) * \cos(\text{ratio} + 1) * v$$

$$F(u,v) = (\text{outerR} - \text{innerR}) * \sin(\text{ratio} * v) + (d\text{Pen} + u) * \sin(\text{ratio} + 1) * v$$

$$\text{innerR} * \cos(u) + d\text{Pen} * \sin(v)$$



arhitektonična instalacija u prostoru

korišćeni programi: Rhinoceros 4.0 (Grasshopper)