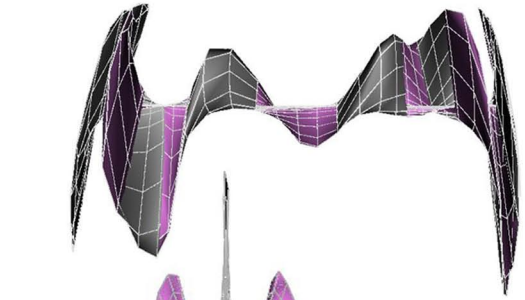


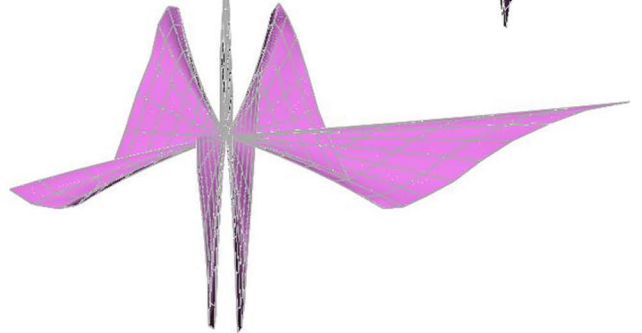
MATEMATIKA U ARHITEKTURI 2

Arhitektonski fakultet Univerziteta u Beogradu; Prof. dr Ljiljana Petruševski; Student Ana Ivković GS 9/2011

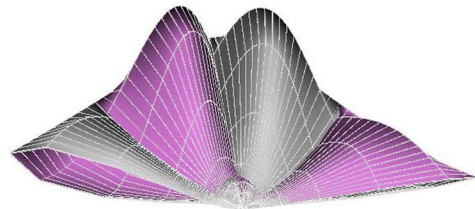
```
X(u,v) cos(param(0)*u*2)/(1+dparam(0))
Y(u,v) cos(param(0)*u+v/2)/(1+dparam(0))*u
Z(u,v) cosh(v)*sinh(u)/(dparam(0))
xRotation 0 yRotation 0 zRotation 10
scaleX 12 scaleY 30 scaleZ 15
Umax 3 Umin -3 Udens 60
Vmax 7 Vmin -4 Vdens 17
```



```
X(u,v) cos(param(0)*u)*3/(1+dparam(0))
Y(u,v) sin(param(0)*u*6)/(1+dparam(0))
Z(u,v) cos(param(0)*u)*3/(1+dparam(0))
xRotation 0 yRotation 0 zRotation 0
scaleX 30 scaleY 10 scaleZ 10
Umax 3 Umin -2.5 Udens 60
Vmax 4 Vmin -4 Vdens 17
```



```
X(u,v) cos(param(0)*u/20)*2/(1+dparam(0))
Y(u,v) sin(v)*sin(param(0)*u/2)/(1+dparam(0))
Z(u,v) sinh(u)/(3+dparam(0))
xRotation 0 yRotation 0 zRotation 0
scaleX 10 scaleY 10 scaleZ 10
Umax 3 Umin -2.5 Udens 60
Vmax 7 Vmin -5 Vdens 17
```



POVRŠI U PROSTORU

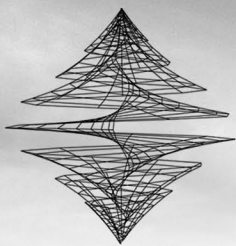
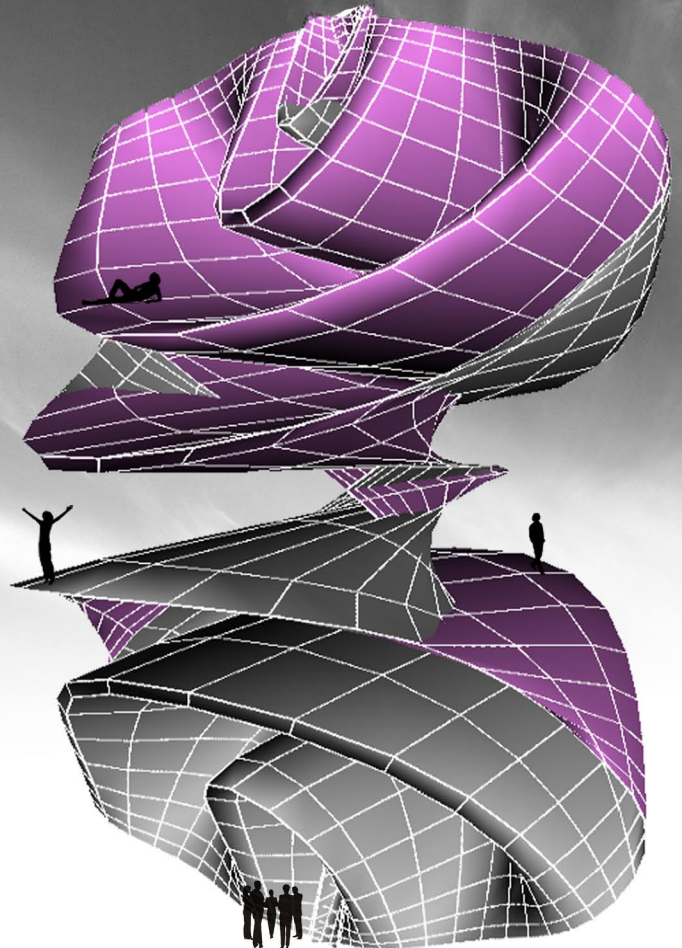
```
X(u,v) cos(param(0)*u*2)*2/(1+dparam(0))
Y(u,v) sinh(v)*sin(param(0)*u/3)/(1+dparam(0))
Z(u,v) cosh(v)*sinh(u)/(3+dparam(0))
```

```
xRotation 0 yRotation 0 zRotation 0
```

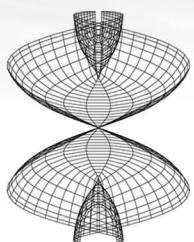
```
scaleX 10 scaleY 10 scaleZ 20
```

```
U max 3 U min -2.5 Udens 60
```

```
V max 4 V min -4 Vdens 17
```



/bočni izgled



/prednji izgled

Faculty of Architecture, University of Belgrade; Prof. Ljiljana Petruševski, PhD; Student Ana Ivković GS 9/2011

e-Learning support Mirjana Devetaković, MSc: Virtual learning environment for the course <http://www.arh.bg.ac.yu/code/navigate.asp?id=2420>

MATHEMATICS IN ARCHITECTURE 2