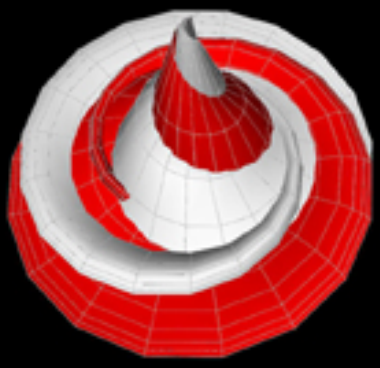
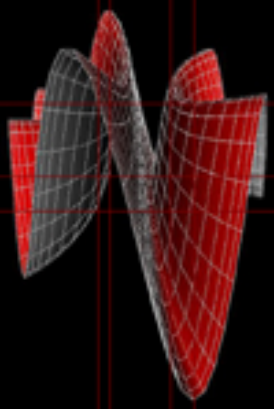
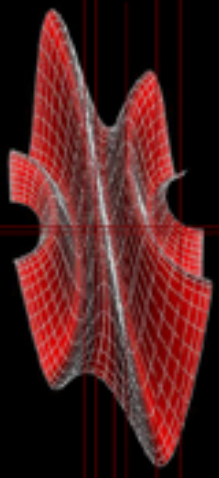
MATEMATIKA U ARHITEKTURI 2

Arhitektonski fakultet Univerziteta u Beogradu; Prof. dr Ljiljana Petruševski; Student Aleksandra Matić 17/2011

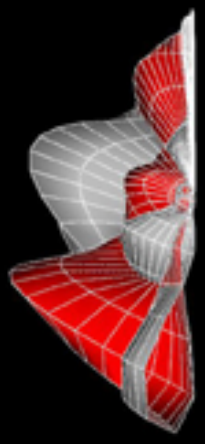
X(u,v) sinh(v)*cos(param(0)*u)/(1+dparam(0))
Y(u,v) sinh(v)*sin(param(0)*u)/(1+dparam(0))
Z(u,v) cos(v)*sinh(u)/(1+dparam(0))
xRotation 0
yRotation 0
zRotation 0
scaleX 10
scaleY 10
scaleZ 10
Umax 2.5
Umin -2.5
Udens 60
Vmax 4
Vmin -4
Vdens 17



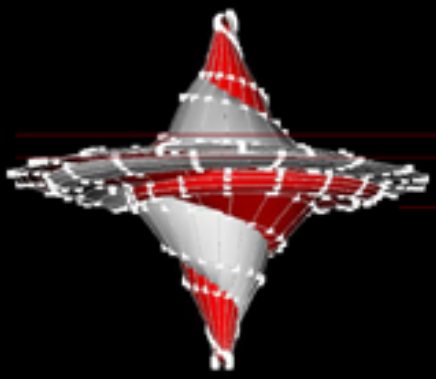


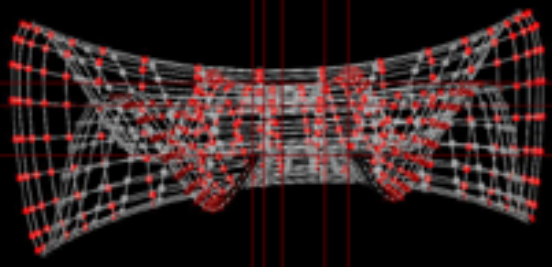


X(u,v) sinh(v)/(1+dparam(0))
Y(u,v) cosh(v)*sin(param(0)*u)/(1+dparam(0))
Z(u,v) cosh(v)*sinh(u)/(3+dparam(0))
xRotation 90
yRotation 90
zRotation 0
scaleX 25
scaleY 10
scaleZ 10
Umax 2.5
Umin -2.5
Udens 60
Vmax 4
Vmin -4
Vdens 17

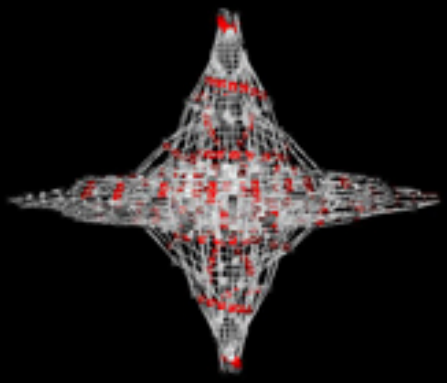


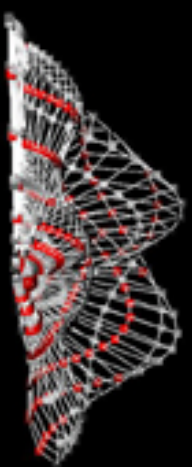
Površi u prostoru





X(u,v) cos(param(0)*u/15)(1+dparam(0))
Y(u,v) sin(v*2)*sin(param(0)*u/2)(1+dparam(0))
Z(u,v) sinh(u)/(1+dparam(0))
xRotation 0
yRotation 0
zRotation 0
scaleX 20
scaleY 15
scaleZ 14
Umax 7
Umin -2.5
Udens 60
Vmax 10
Vmin -4
Vdens 30





Fun 3D

Faculty of Architecture, University of Belgrade; Prof. Ljiljana Petruševski, PhD; Student Aleksandra Matić 17/2011
e-Learning support Mirjana Devetaković, MSc; Virtual learning environment for the course http://www.arh.bg.ac.yu/code/navigate.asp?id=2420

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