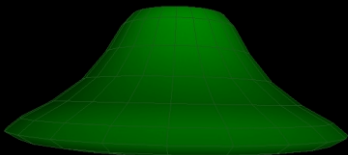
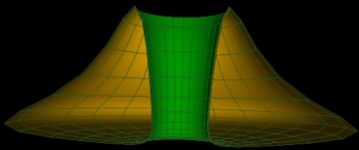
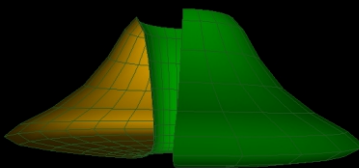
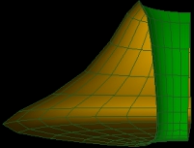
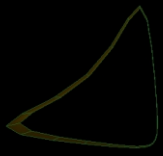


# MATEMATIKA U ARHITEKTURI 1

Arhitektonski fakultet Univerziteta u Beogradu; ProfD dr Ljiljana Petrusovski; Student Luka Ilić 2013/166



Rotacione ravni nastaju rotacijom linije oko x,y ili z ose. Kao produkt mogu se dobiti razne zanimljive forme i apstraktne figure.

$$\begin{aligned}x &= \cos(u)/(\sqrt{2}) + \sin(v) \\ y &= 1/(\sqrt{2} + \cos(v)) \\ z &= \sin(u)/\sqrt{2} + \sin(v) \\ -\pi &\leq u \leq 2\pi \\ -\pi &\leq v \leq 2\pi \\ \text{rotacija oko z ose}\end{aligned}$$

# MATEMATIKA.U.ARHITEKTURI.1

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# MATHEMATICS IN ARCHITECTURE 1

