

THE SACRED FAMILY CHURCH

ANTONIO GAUDI

ESTEFANIA VALDIVIA SOLORIZANO

PROFESSOR NANCY YEN-WEN CHENG FALL 2017



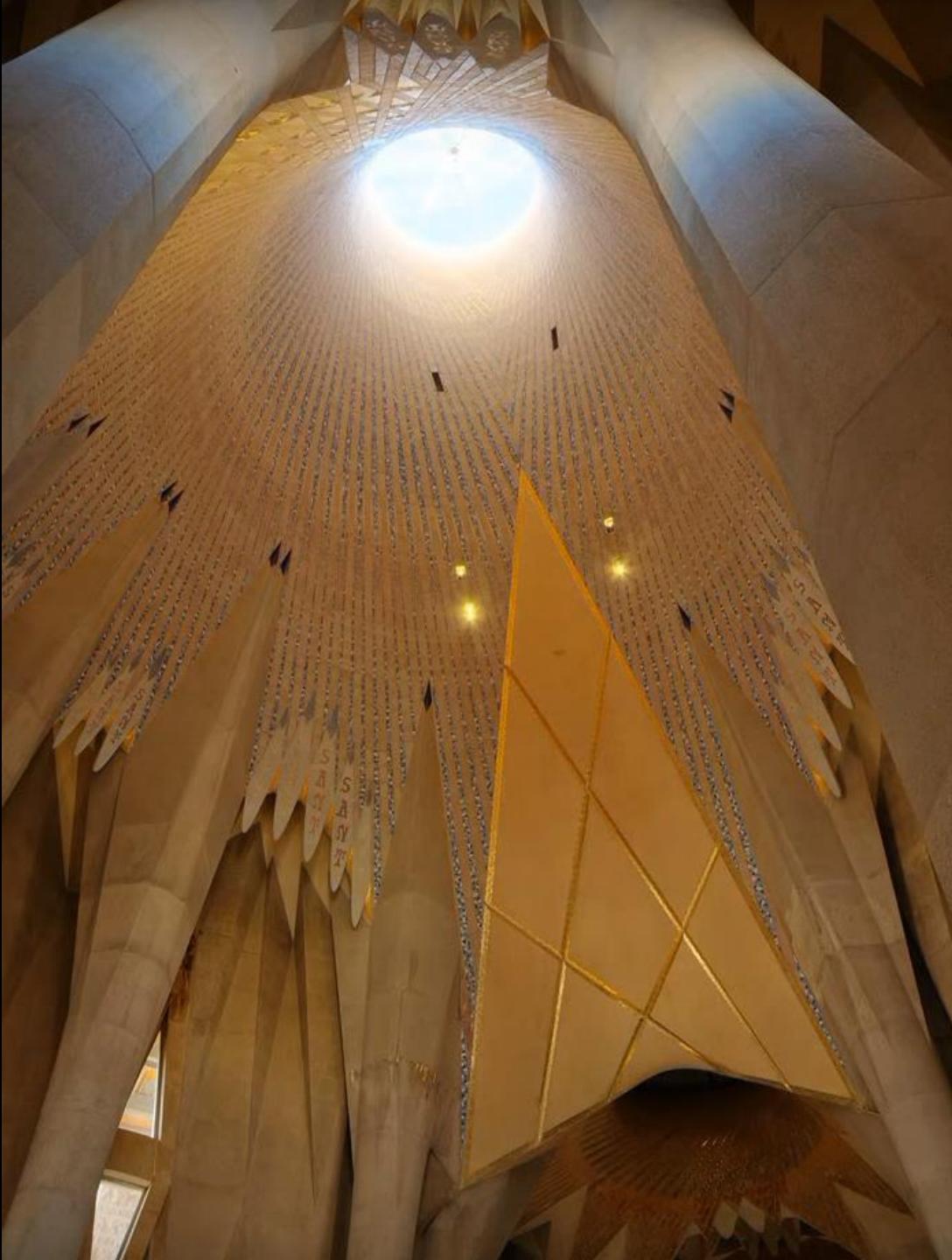
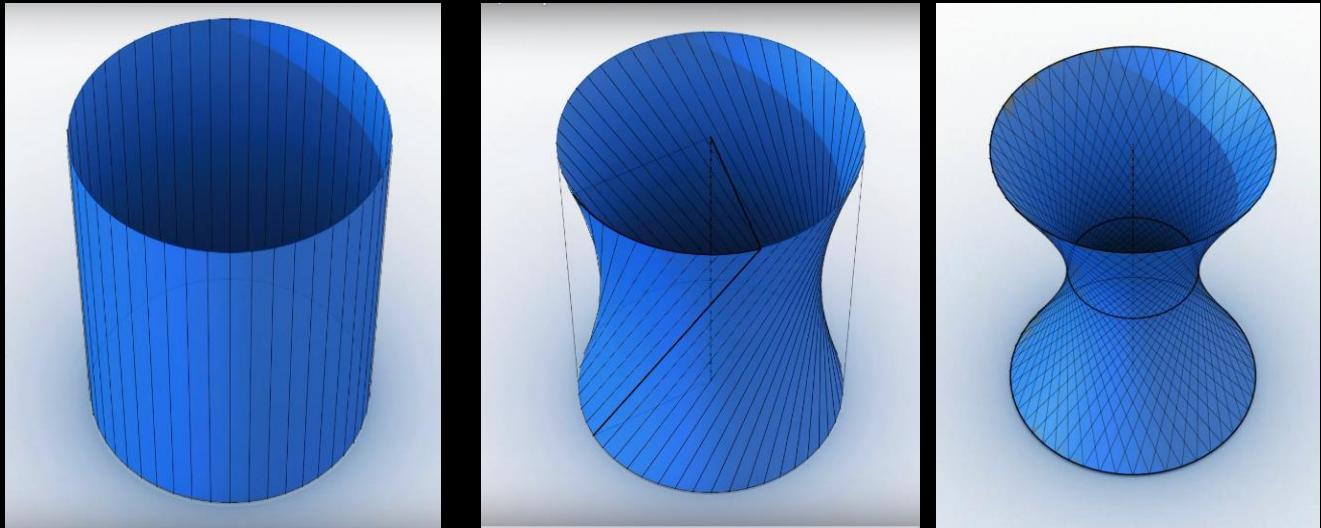
Inspired by nature



.. Fundació Junta Constructora del Temple Expiatori de la Sagrada Família. "Geometry." Basilica de la Sagrada Familia, SagradaFamilia.org, 10 Apr. 2017, www.sagradafamilia.org/es/geometria/.

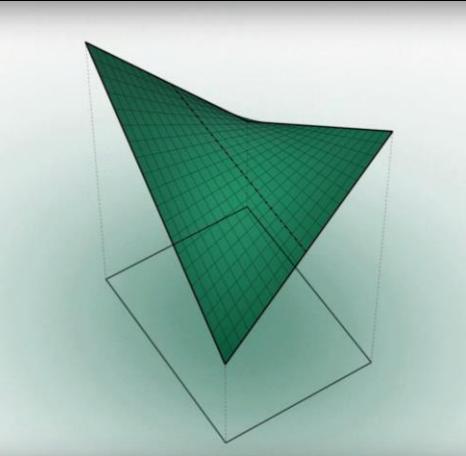
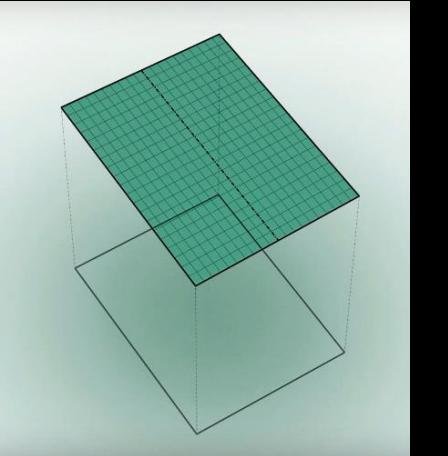
RULED SURFACES

HYPERBOLOID



1. fabShopCA. "Digital assemblies." *Pinterest*, 15 June 2017, www.pinterest.com/pin/571112796486038431/?lp=true
2. Fundació Junta Constructora del Temple Expiatori de la Sagrada Família. "Geometry." Basilica de la Sagrada Familia, SagradaFamilia.org, 10 Apr. 2017, www.sagradafamilia.org/es/geometria/.

PARABOLOID

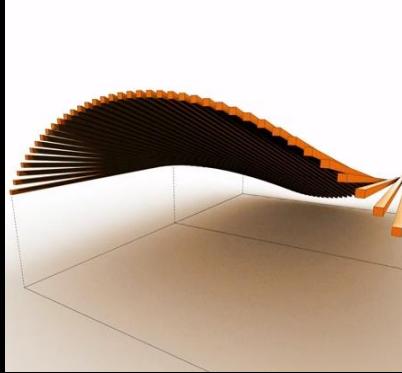
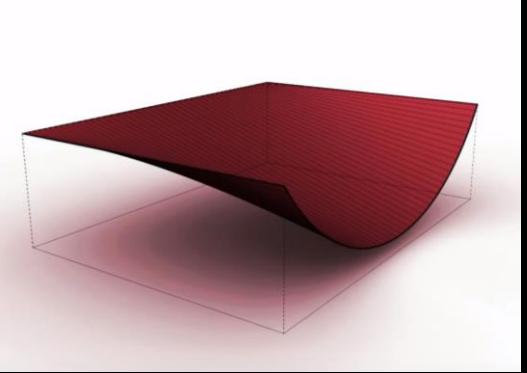


COURTESY DANA TAMINA



1. Soriano, Jimzel. "APPLICATIONS ON HYPERBOLIC PARABOLOID." *Prezi.com*, 18 Apr. 2016, prezi.com/z3v6qysemmt9/applications-on-hyperbolic-paraboloid/.
2. Fundació Junta Constructora del Temple Expiatori de la Sagrada Família. "Geometry." Basilica de la Sagrada Familia, SagradaFamilia.org, 10 Apr. 2017, www.sagradafamilia.org/es/geometria/.

CONOID



1. Jerome Bohg Jilles Sloos KitchenPilot, jerome@kitchenpilot.com. "Welkom op de website van Vitro Plus, the Fern Firm." *Vtro Plus, the Fern Firm*, www.vitroplus.nl/v2/fern_detail.php?fern=64
2. Fundació Junta Constructora del Temple Expiatori de la Sagrada Família. "Geometry." *Basilica de la Sagrada Familia*, SagradaFamilia.org, 10 Apr. 2017, www.sagradafamilia.org/es/geometria/.

Church - Brazilia
OSCAR NIEMEYER



Pavilion
CLETO BARREIRO



Concrete shell
FELIX CANDELA



1. Small, Barbara. "Architecture." *Pinterest*, 26 Apr. 2015, www.pinterest.com/pin/22166223143233598/?lp=true
2. Paola. "Arquitectura." *Pinterest*, 31 Oct. 2015, www.pinterest.com/pin/88523948903294231/?lp=true
3. <https://www.linkedin.com/pulse/eladio-diente-uruguayan-architect-engineer-who-defied-mark-larmuseau>