

euro photomath

EUROPHOTOMATH 2024, 1º Premio_

Reflection in Water

ES Luxemburgo II

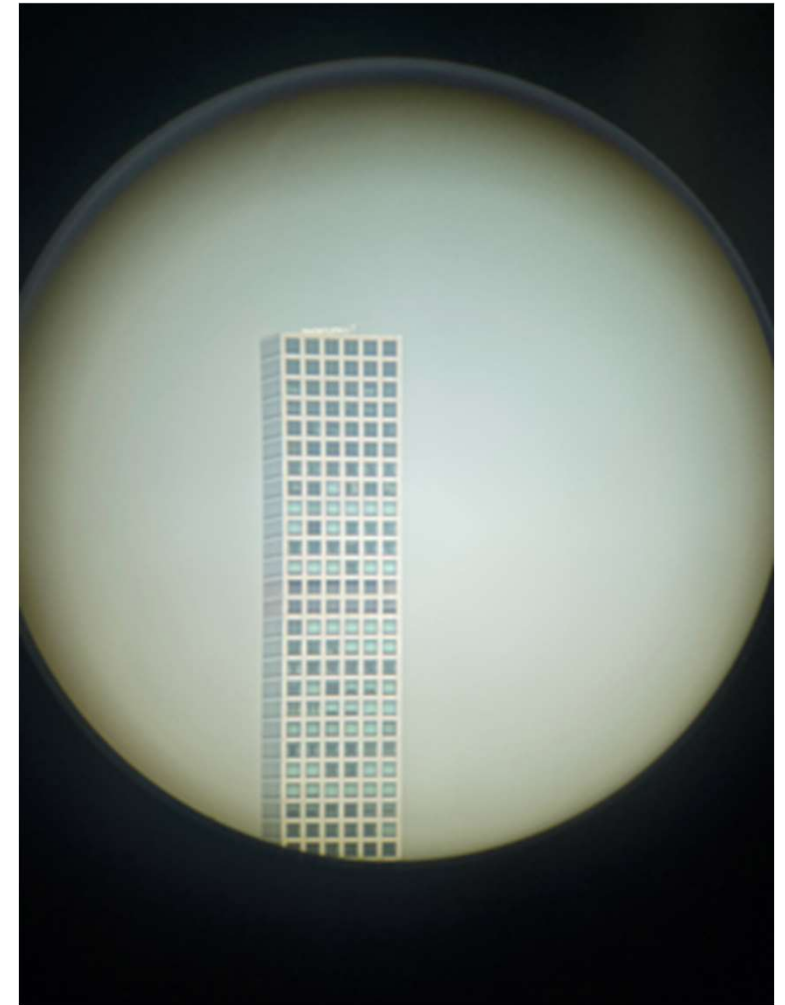
The model in this picture is my sister it was taken in front of German Chancellery "Bundeskanzleramt". I used a shallow water puddle that was on top of the stone to reflect the image and create a mirror. I took this picture using the pro mode of my phone and the mathematical relevance would be symmetry.



EUROPHOTOMATH 2024, 2º Premio_
categoría B

Natural Symmetry
ES Alicante

Gaudi's most famous (architectural) building/works/constructions are made in reference to the beauty and the perfection of nature, such as this ceiling is from Barcelona's famous cathedral, La Sagrada Familia. These high pillars with the divergent end refer to the trees of the forest and form the vanishing point at the center of the picture. On that same point we find the intersection of four symmetric lines; the vertical, the horizontal and two diagonals, forming rotational symmetry, therefore a radial symmetry. All the structure is formed by symmetric shapes; circular pillars, a central circle, and the splitting of the pillars creates squares around that center. This mathematical beauty and the many geometrical figures in it are the reason why I chose this picture.



EUROPHOTOMATH 2023, 3º Premio_

Boundless Perspective
ES Alicante

As you can see in the picture the combination of a rectangular dainty skyscraper emerging from a circular framing view creates an eye-catching effect. The symmetry of the windows with irregularly alternating colors add to the overall neatness of the building. Everything present in the picture seems like it would be straightforward to measure and calculate.



EUROPHOTOMATH 2024, 4^o Premio_

Thermes de l'Alcazar

ES Luxemburgo II

Cette photo a été prise dans le sud de l'Espagne, dans la ville de Séville au Real Alcazar. Sur celle-ci on peut voir des thermes qui se trouvent sous le palais. J'ai choisi cette image car les arcs se reflétant dans le bassin créent plusieurs symétries axiales. De plus on peut observer une illusion d'optique puisque les arcs semblent se rétrécir en se rapprochant du centre de l'image.

EUROPHOTOMATH 2024, 5^o Premio_

Neige au Luxembourg

ES Luxemburgo II

Cette photo a été prise avec mon drone au Luxembourg en janvier 2024, un soir enneigé. Les maisons couvertes de neige, les rues libérées de la neige et les lampes m'ont beaucoup plu et pour cela je voulais faire une photo. Les formes géométriques et les angles dans les toits des maisons ainsi que les rues droites, connectés par des angles droits m'ont fait penser à un rapport avec la mathématique.

