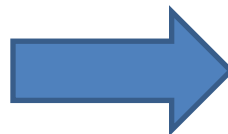
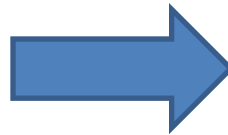
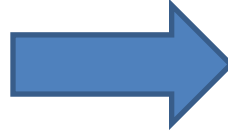


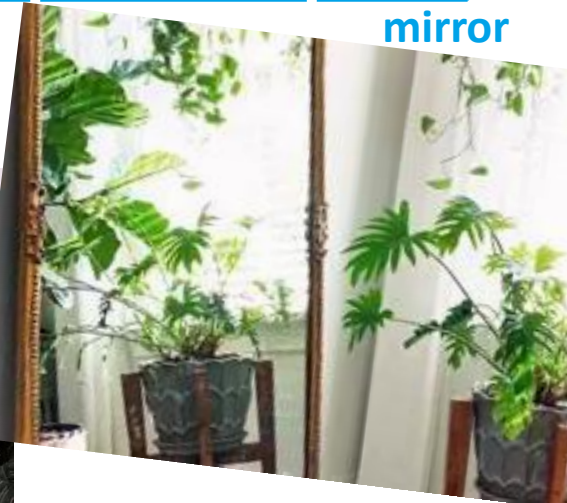
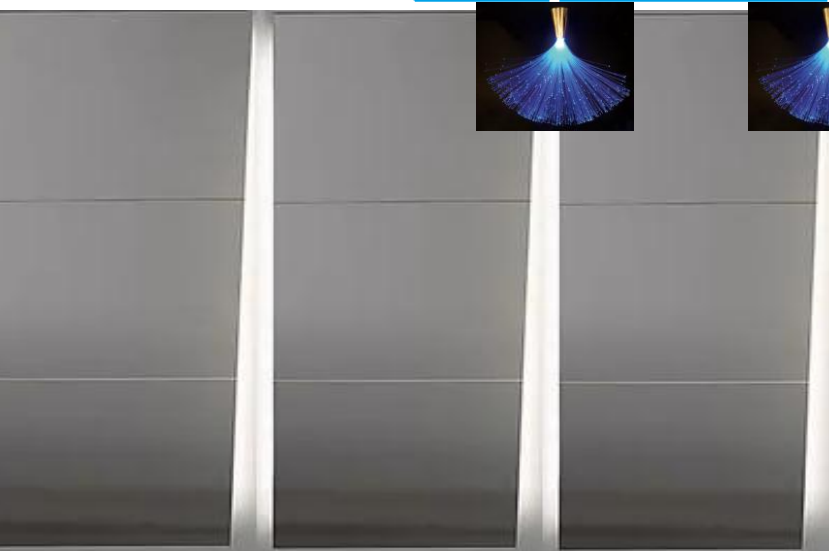
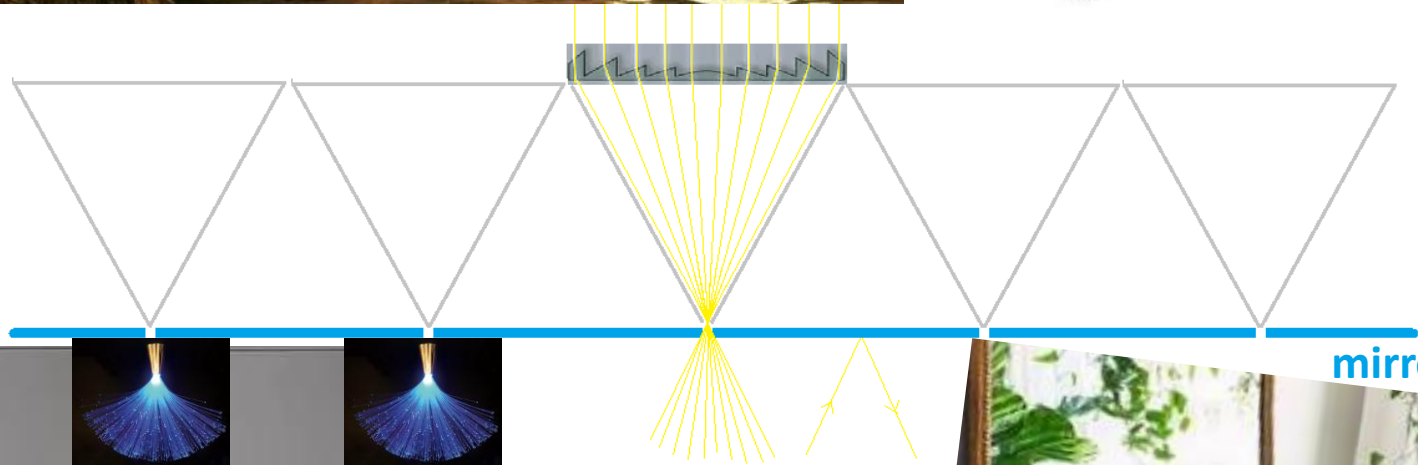
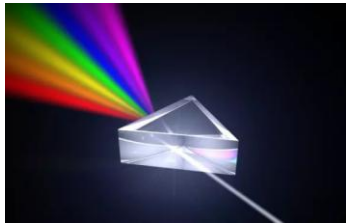
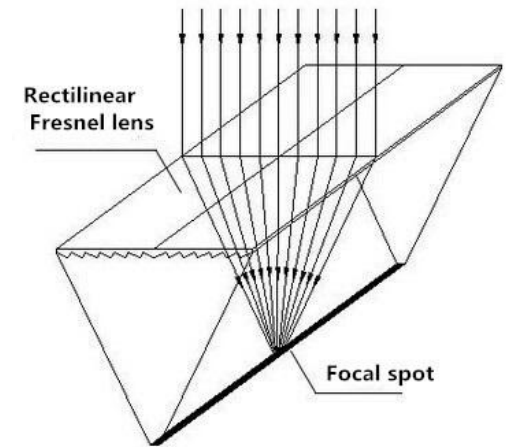
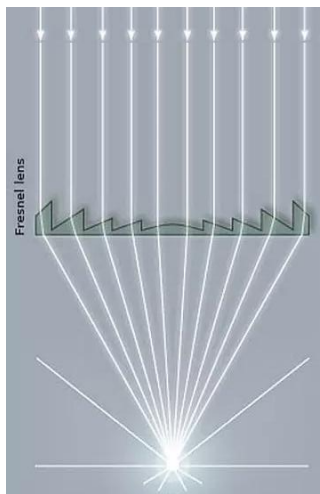
Mirror prism for robotic greenhouse



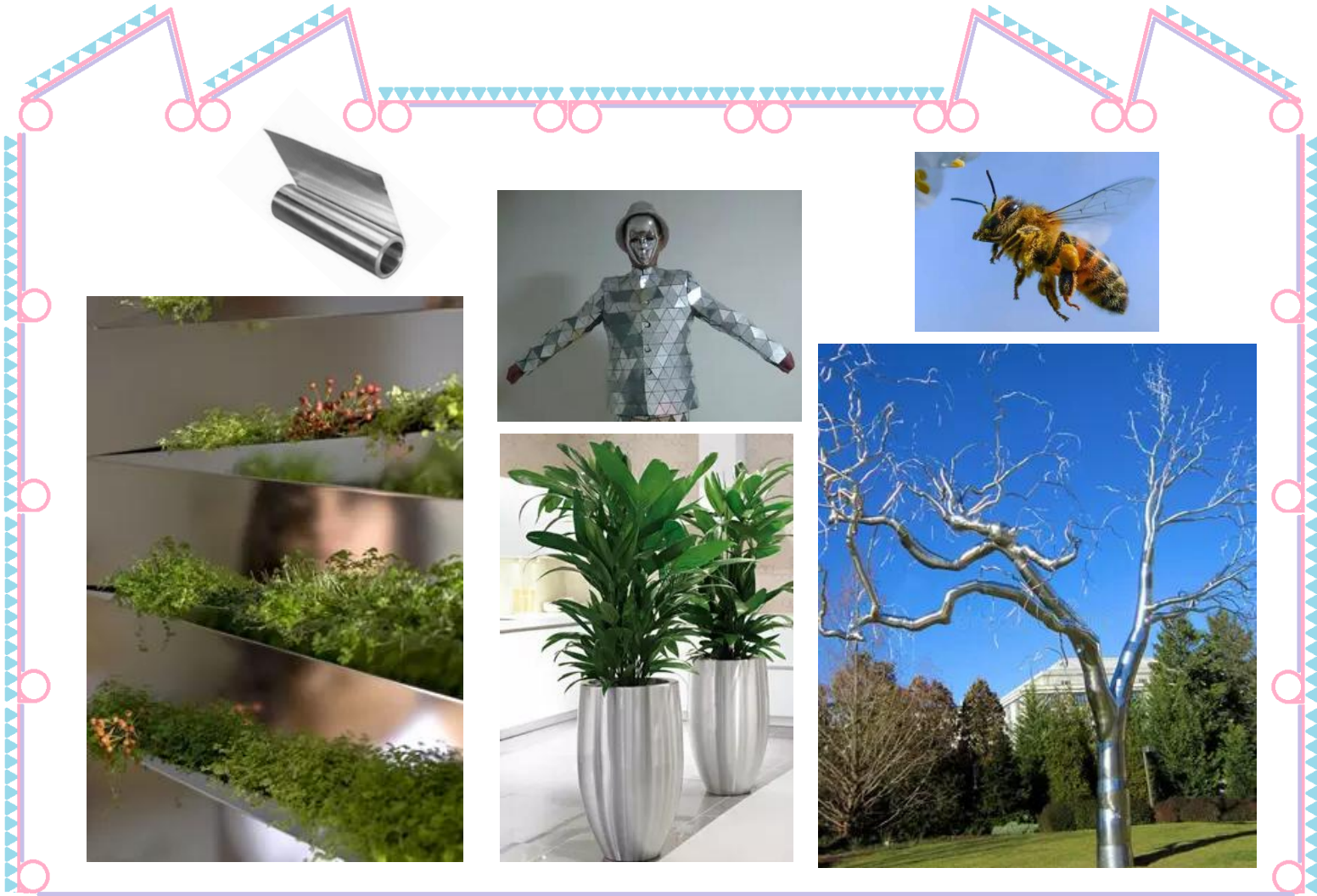
In a bioclimatic greenhouse, hydroponics helps irrigation water not to be wasted. The idea is to extend the concept to light through fine management of this resource.

It involves guiding light through fresnel prisms in reflective piping inside a greenhouse lined with floor-to-ceiling mirrors.

- Advantages of hydroponics: recycling of irrigation water, sanitized environment (no need for pesticides anymore)
- Advantages of prisms/mirrors: the majority of photons participate in photosynthesis, light can be guided on several floors, facilitating robotization and reducing the footprint on the ground.



mirror

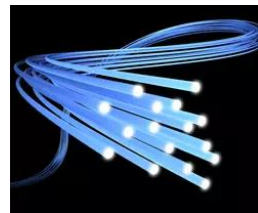
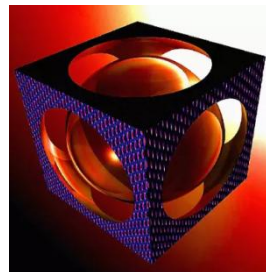
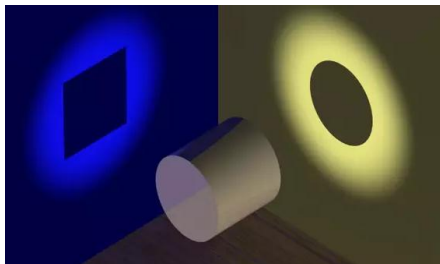
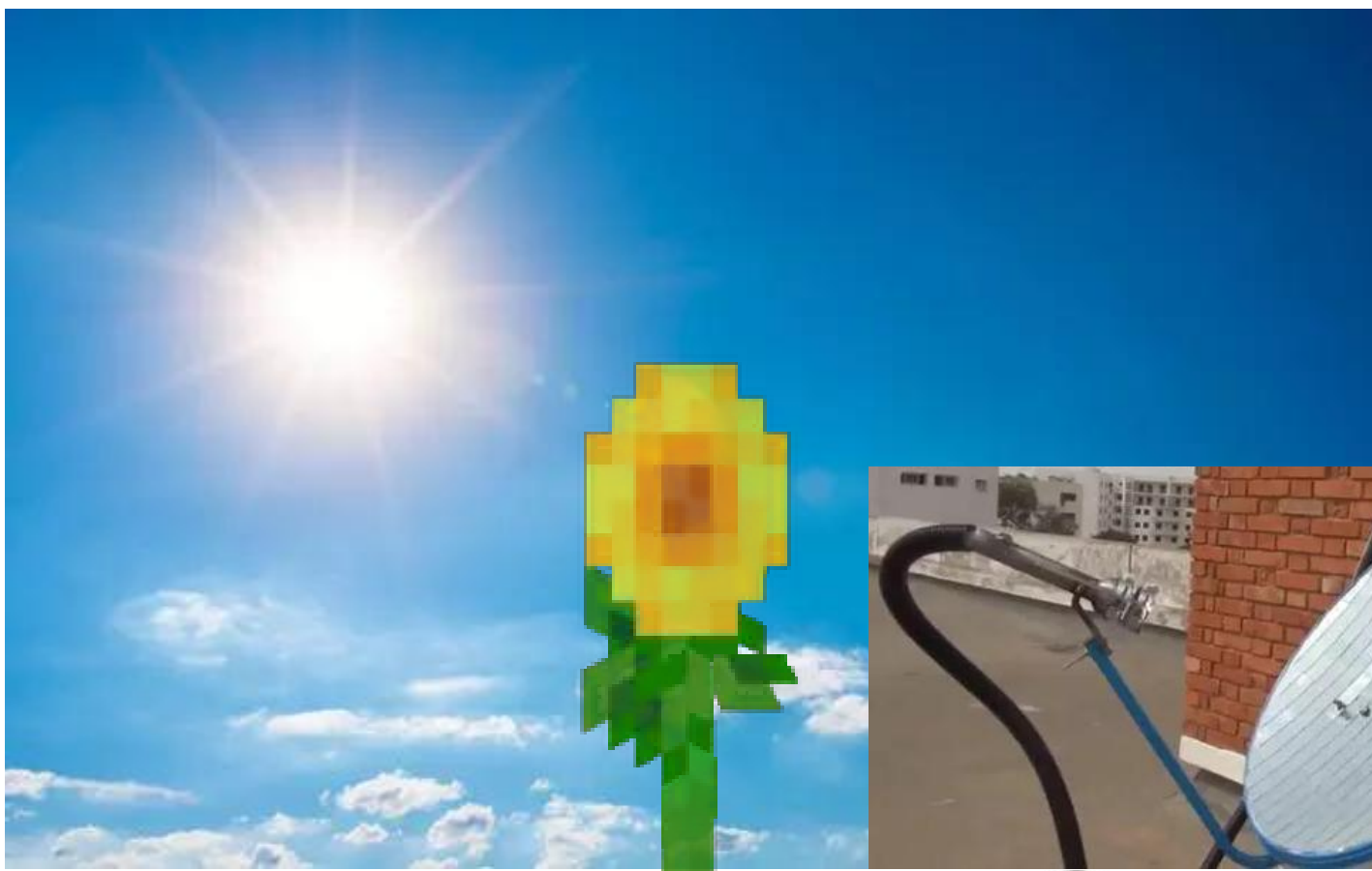


Supplementary light

- On the ground: Solar parabola convertible into a wind turbine.



- At very high altitude: Solar parabola posed on a cloud of floating bricks (vacuum spheres).



PS: DNA