

Temporal Translation

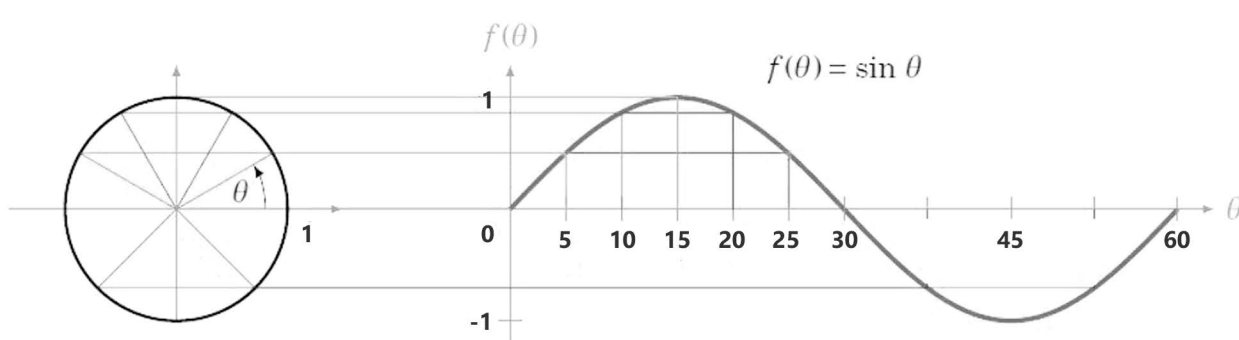
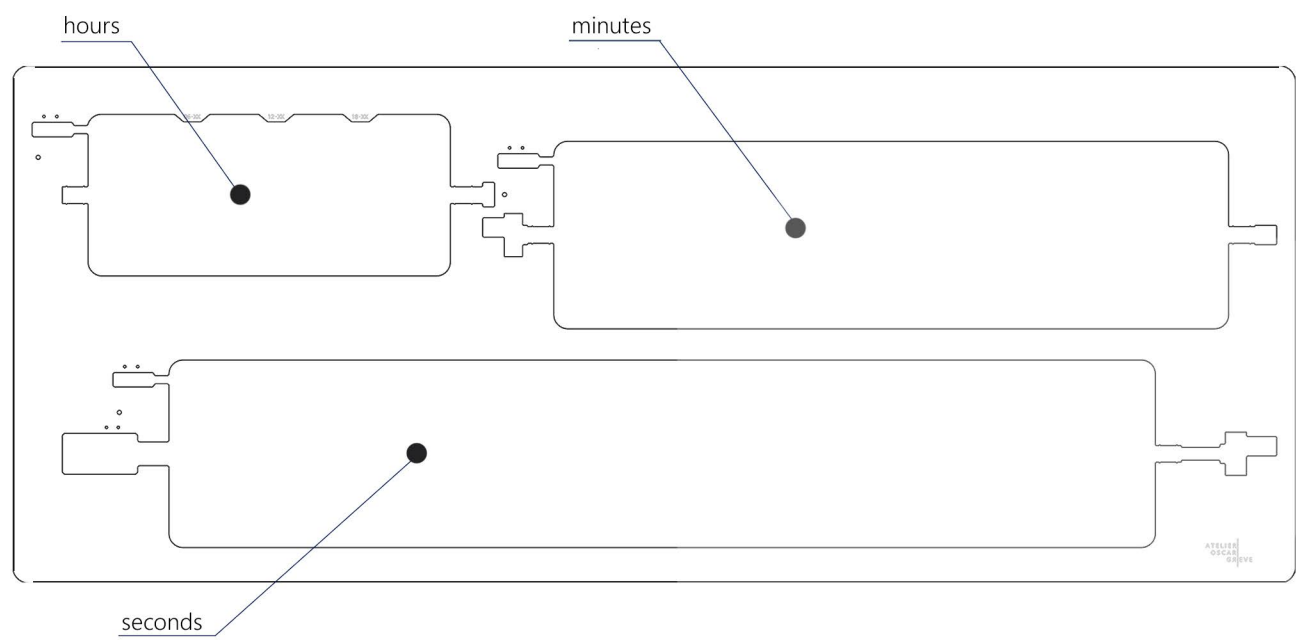
a linear display of time

Temporal Translation is inspired by the realistic passing of time, forcing its contemplator to face its real value and thus, making the adequate choice in every moment of their life. exhibited in a linear-motion with cyclical time as its core.

Time

Temporal translation is driven by a single motor with an output rotation of one revolution per minute. This movement is reduced by 60:1 at the end of the seconds-shaft. This reduced output is connected with a precision timing belt to the minute shaft rotating at 60 revolutions per hour. A second and final geared reduction reduces the speed down more to 1 rotation per day for the last hours-shaft.

On the tip of every needle, a small reflector catches the laser dot and reflects the count of the seconds, minutes and hours.



Translation

Translation refers to the circular motion that is being translated to a periodic-function. This function repeats its values at regular intervals. In this work, the intervals coincide with seconds, minutes and hours.

Dimensions

L118 | W16 | H48 cm

Power

Voltage range **85 - 264 VAC 50/60Hz**

Meanwell GE18 12

Output 12VDC | 1.5A | 18W

Interchangeable AC plugs

Materials

PMMA (Plexiglas)
PLA (Polylactic acid)
Copper
Brass
Stainles Steel