

PIECES

I Stars

II Stones

III Shadows

IV Water

V Smoke

VI Sand

VII Fire

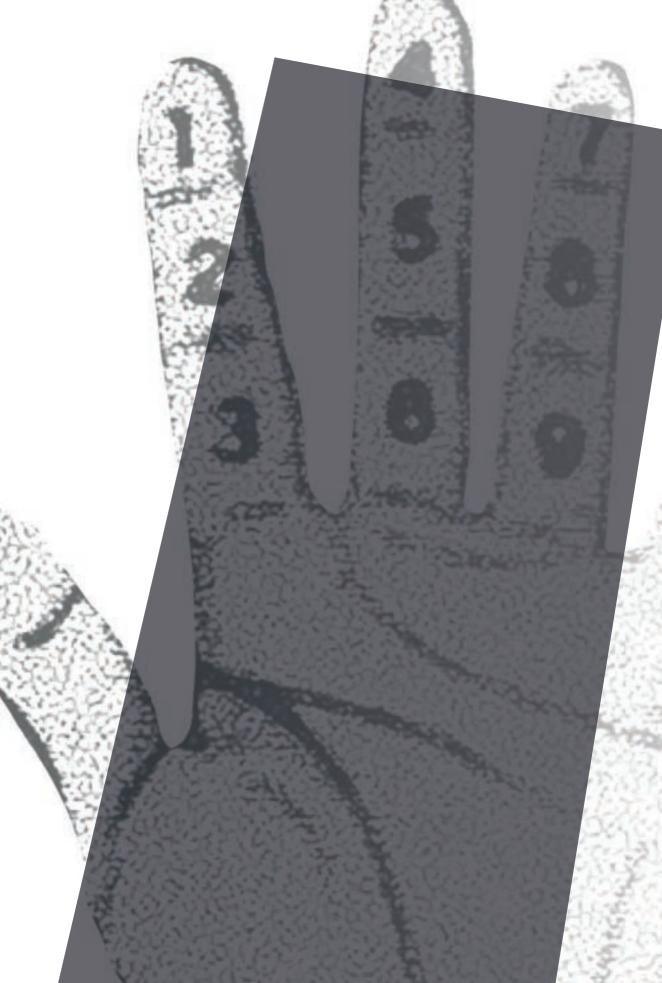
VIII Bronze

IX Metal

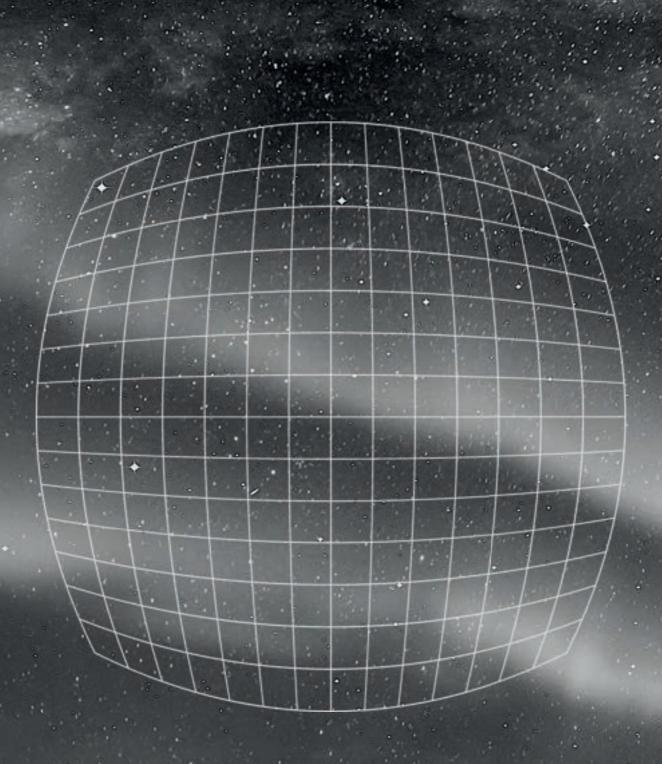
X Wood

XI Quartz

XII Aluminum



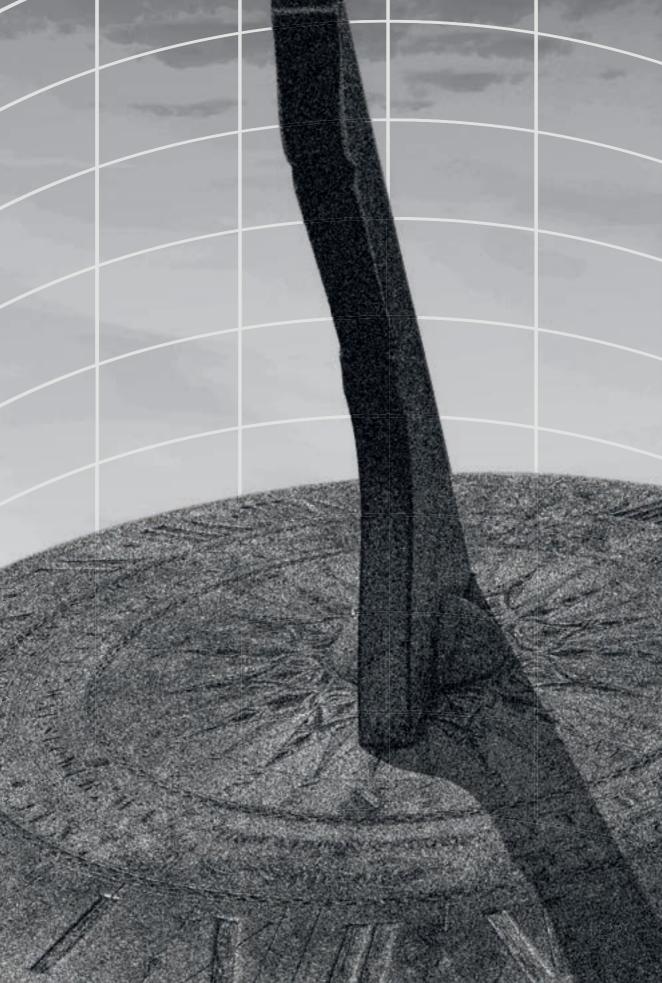
TIME WAS CREATED BY PEOPLE INSPIRED BY THE PERCEPTION OF CHANGE. TIME IS ESSENTIALLY A MATTER OF DISCOURSE; IT DOES NOT EXIST BEYOND THE HUMAN MIND AND LANGUAGE, EXCEPT IN THE REALM OF ABSTRACT FORMS CREATED BY THE MIND AND LANGUAGE. TIME IS ONLY A METAPHORICAL EXPRESSION BY WHICH THE CONSCIOUS MIND EXPRESSES ITS PERCEPTION AND CONGINTION OF THE CHANGING WORLD IN WHICH IT DWELLS. Measurement of the positions of celestial bodies track time by the apparent movement of the stars from east to west.



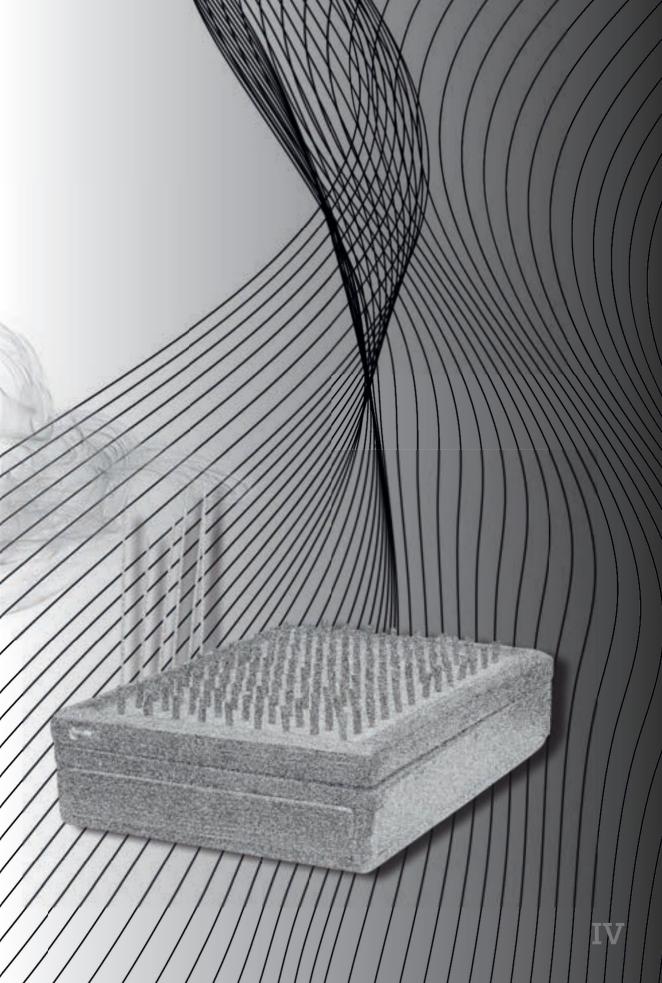




A sundial measures the passage of time by the shadow cast with its crossbar. It was oriented eastword in the mornings then turned around at noon so it could cast its shadow in the opposite direction.







Water clocks are one of the oldest time-measuring instruments.
As the container fills, the observer can see where the water meets the lines and tell how much time has passed.



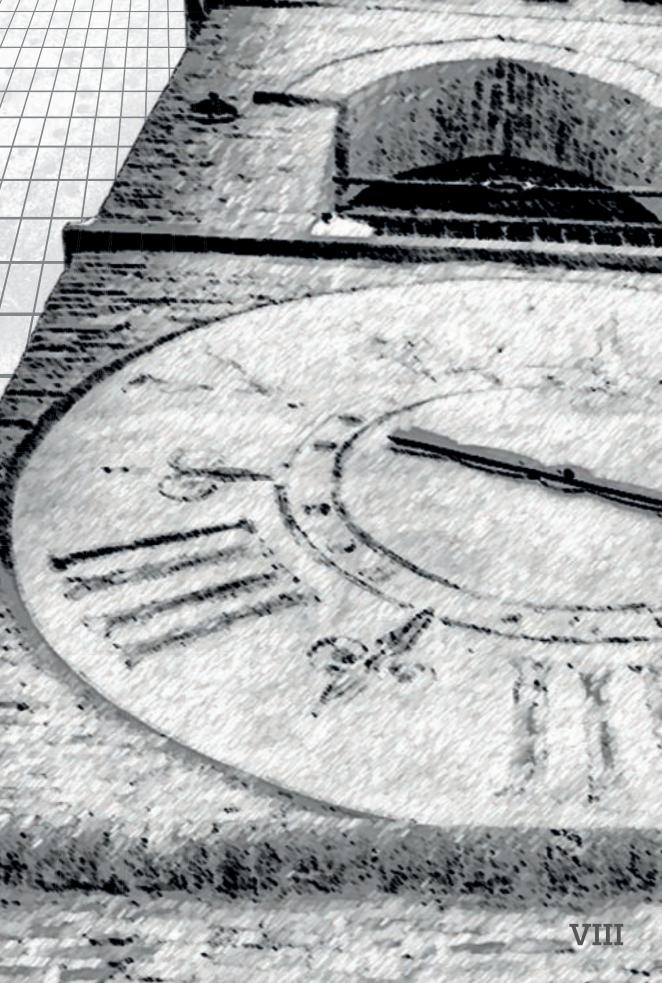
















The housing and the pendulum in most pendulum clocks consists of wood. Wood has a lower coefficient of thermal expansion than metal.





