



AR Books
libRARY

TRY IT!

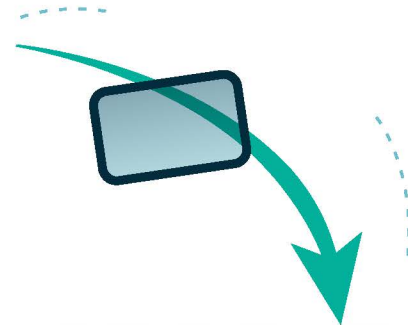
PHYSICAL QUANTITIES AUGMENTED REALITY BOOK

DEAR INQUIRER,

With the help of this test page you can try the augmented reality experience for free. We have brought one of our 40 topics as a sample, so you can get an idea of what awaits you in the book.

- 1 Print this page in colour or black and white!
- 2 Download our **AR Books LibRARY** app.
Use the QR code or visit arbookslibrary.com/app.
- 3 After starting the application, press the PLUS button to add the test publication using the text code or the QR code.
- 4 Click "Try it!" publication, then point the camera of your mobile device at the image shown here.

Text code:
TRYIT



Enjoy the **WOW** experience!

5

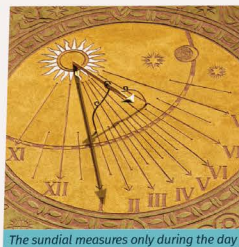
UNSTOPPABLE TIME

Measuring time is one of the most common measurement tasks: e. g., how much time is left in the lesson, how long do you have to cook the soft-boiled egg? These and similar questions can be answered with the help of the clock.



YEAR, MONTH, DAY

Throughout history, the measurement of time has also become more accurate. The higher values were determined by **astronomical phenomena**: the Earth's orbit around the Sun gave the year, the full cycle of the phases of the Moon gave the month, and the Earth's rotation on its own axis gave the day. For more precise measurements, a day was divided into 24 hours.



"VOLATILE" TIME

Shorter periods of time used to be measured, for example, by the change in length of a candle as it burned, or by water flowing through a small hole in a pot. Today we still use the hourglass, in which dry sand always flows from the top to the bottom through a narrow section between two identical containers. With mechanical clocks, of course, more accurate measurements can be made.



WHAT'S THE TIME?

Reading the exact time of a **digital** watch takes some practice, the rise of **digital** watches means less people are able to do it. The real fanatics make it for the experts! The dials of running watches are also needed. The 24-hour dial is used to read the hours, but the seconds are a real headache.

