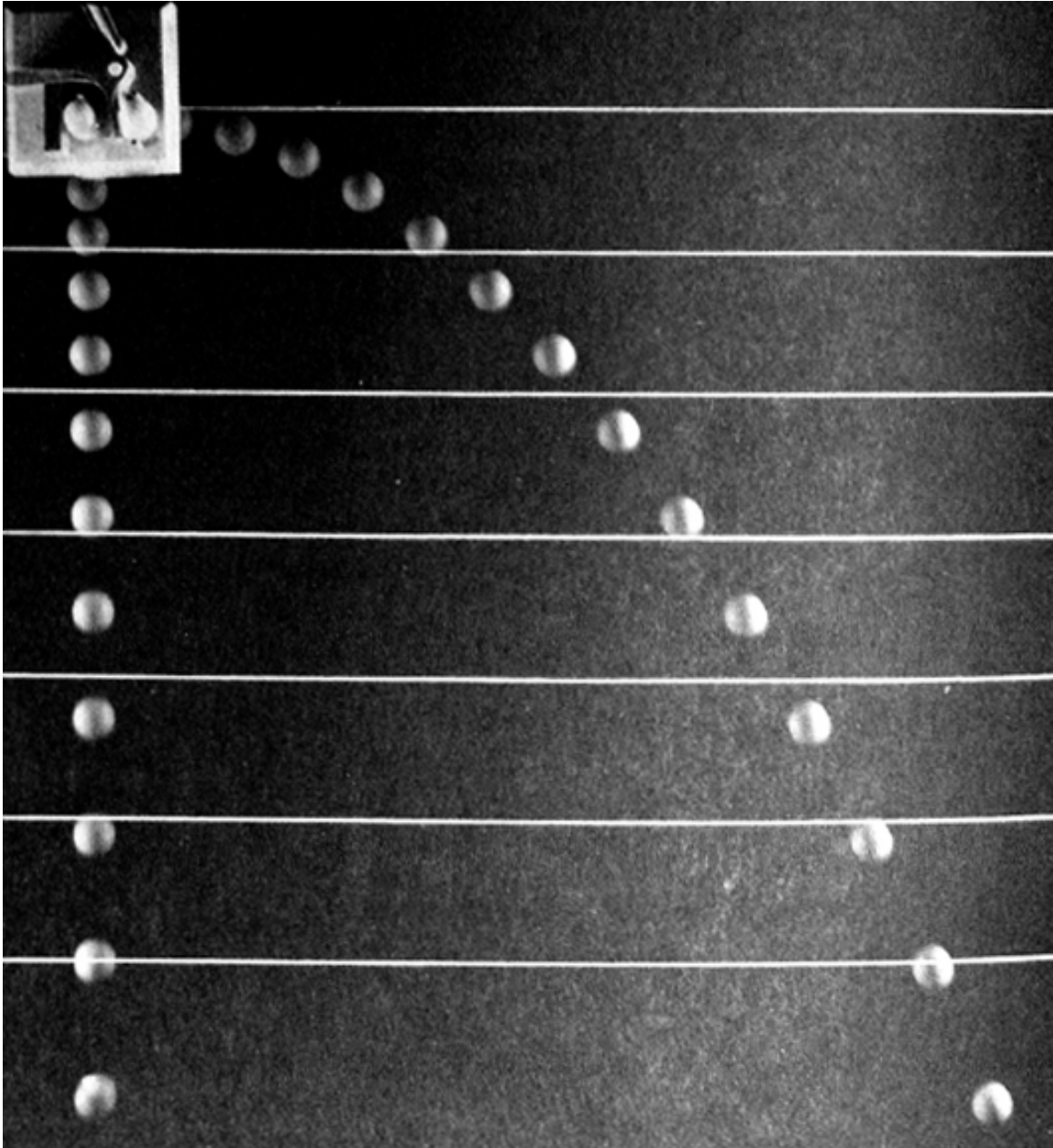


Physics Worksheet



Description

Two balls start falling at the same time. One is knocked sideways, the other falls straight down. One photographic exposure is made, with a strobe light firing every $1/30$ of a second.

Questions

- How much vertical distance does each horizontal line represent?
- What is the horizontal velocity of the sideways ball?
- How many strobe flashes were recorded?
- Can you model the motion of each ball?