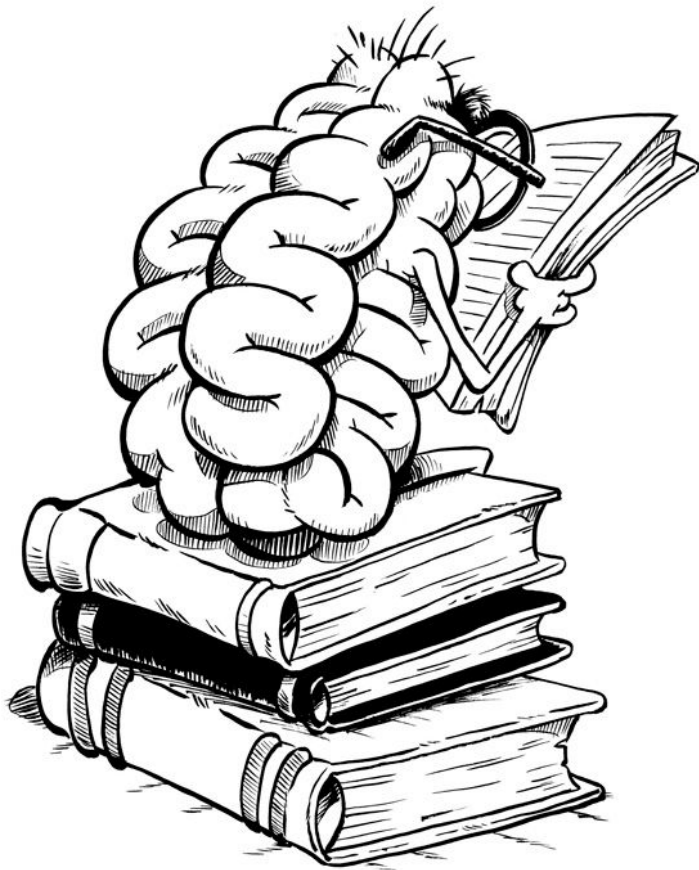




Albert Einstein

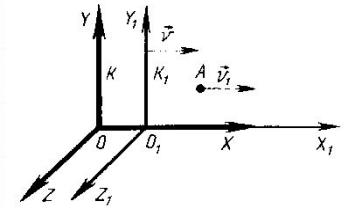
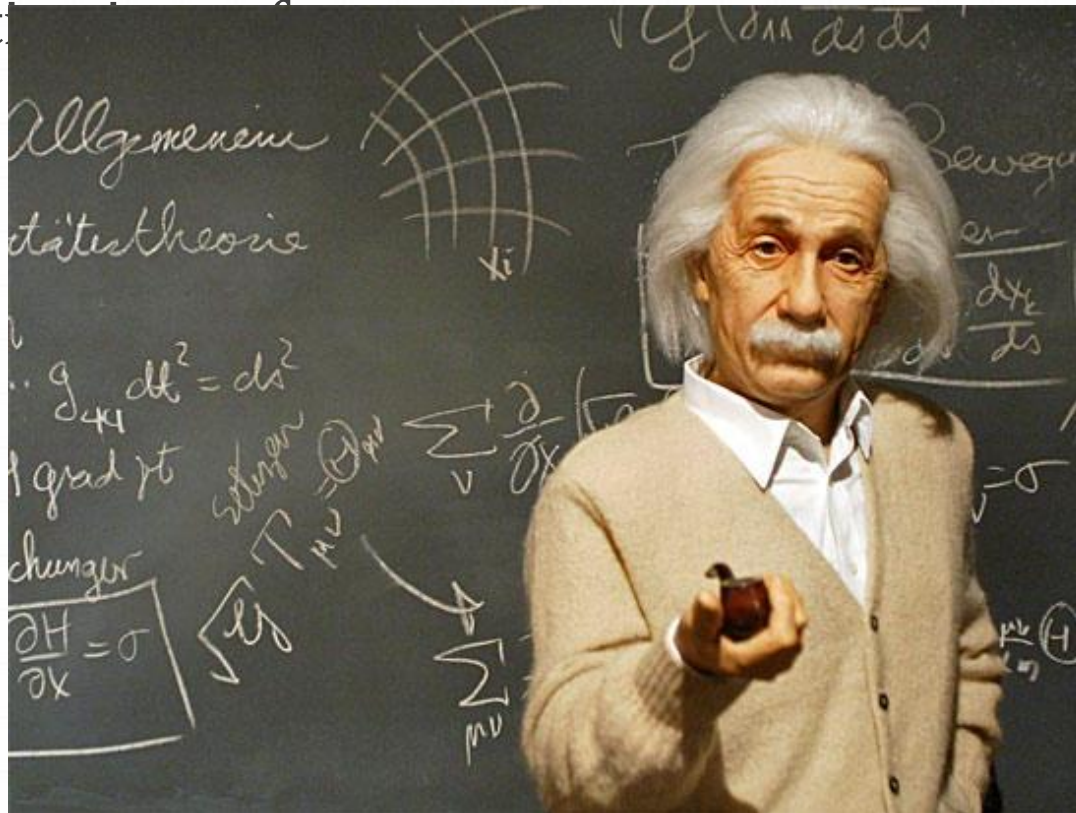
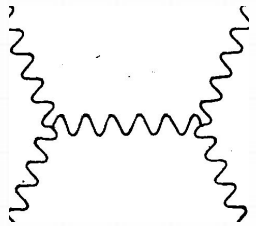
0 Any list of the greatest thinkers in history will contain the name of the brilliant physicist Albert Einstein.



$$y' = y \quad z = z'$$

$$\vec{p} = \frac{m_0 v}{\sqrt{1 - \frac{v^2}{c^2}}}$$

- 0 His theories of relativity led to entirely new ways of thinking about time, space, matter, energy, and gravity.
- 0 Einstein's work led to such scientific advances as the control of atomic energy and to some of the invest



$$x = x' + vt'$$

$$x = \frac{x' + vt'}{\sqrt{1 - v^2 / c^2}}$$

- 0 Einstein was born in Ulm, Germany, on March 14, 1879, of Jewish parents.
- 0 He was shy and curious child.

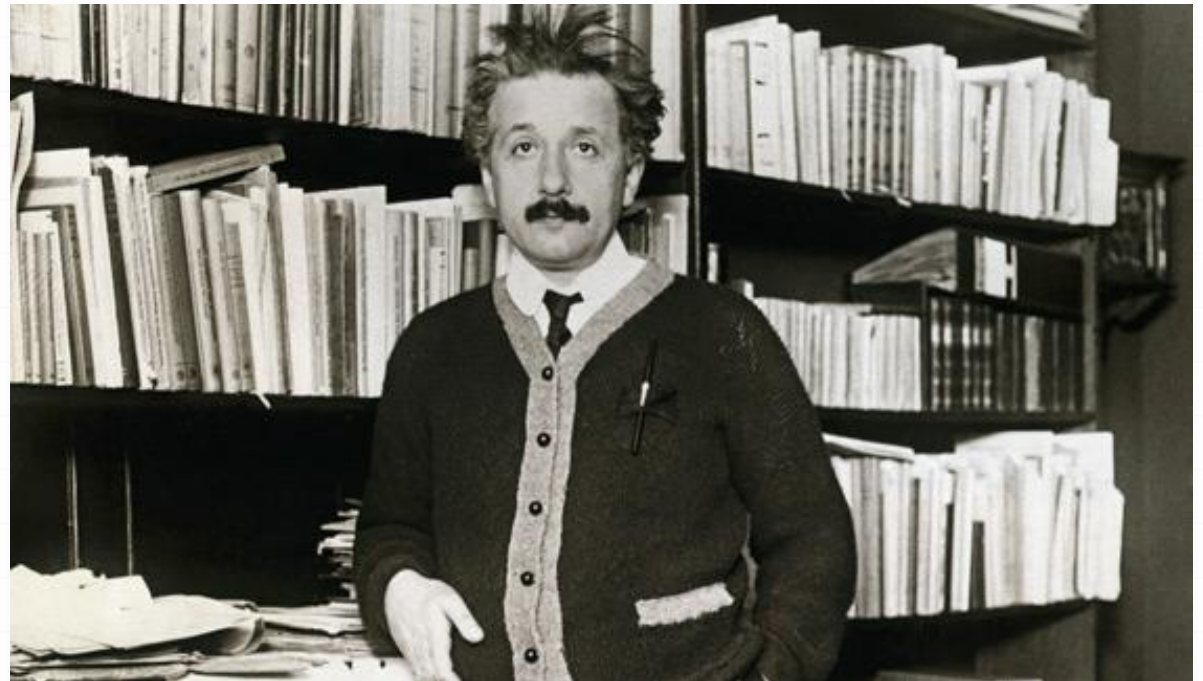


Ulm, Germany

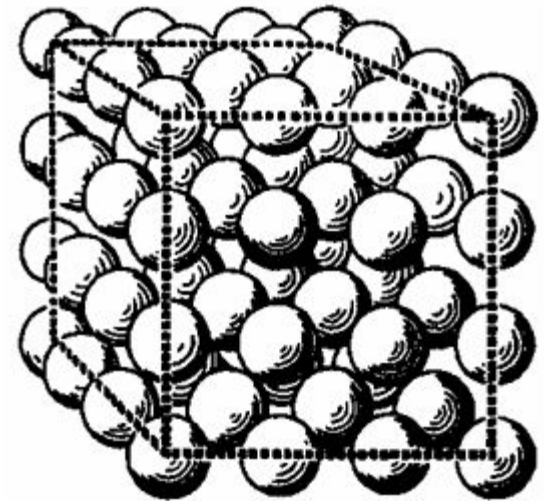
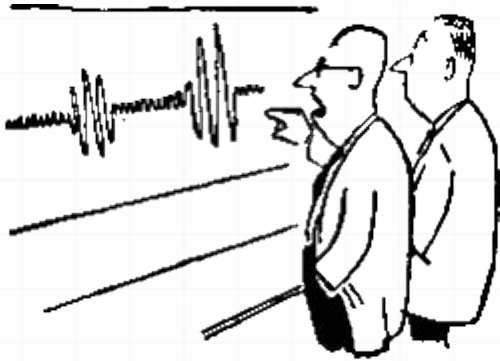
- 0 He attended a Munich elementary school where he showed an interest in science and mathematics but did poorly in other areas of study.
- 0 He finished high school and Technical College in Switzerland.



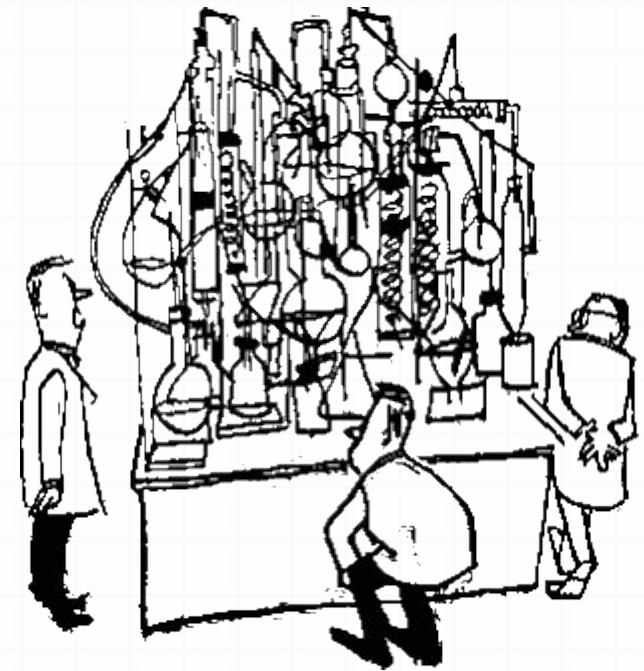
- 0 In 1905, at the age of 26, he published five major research papers in an important German physics journal.
- 0 He received doctorate for the first paper.



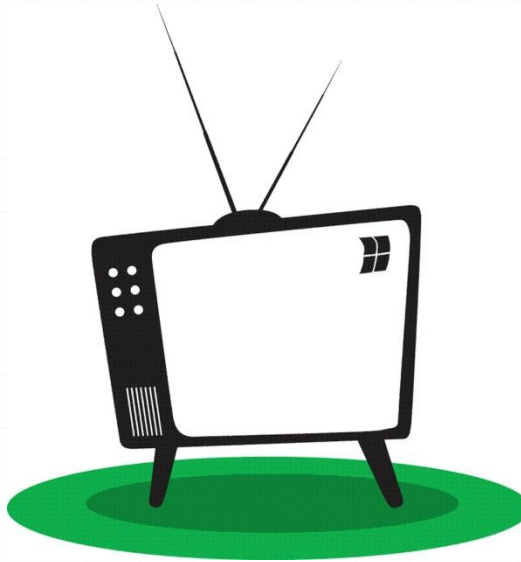
- 0 Publication of the next four papers forever changed mankind's view of the universe.
- 0 One of his papers laid the foundation for the photon, or quantum, theory of light.



0 In his works Einstein showed that time and motion are relative to the observer, if the speed of light is constant and natural laws are the same everywhere in the universe.

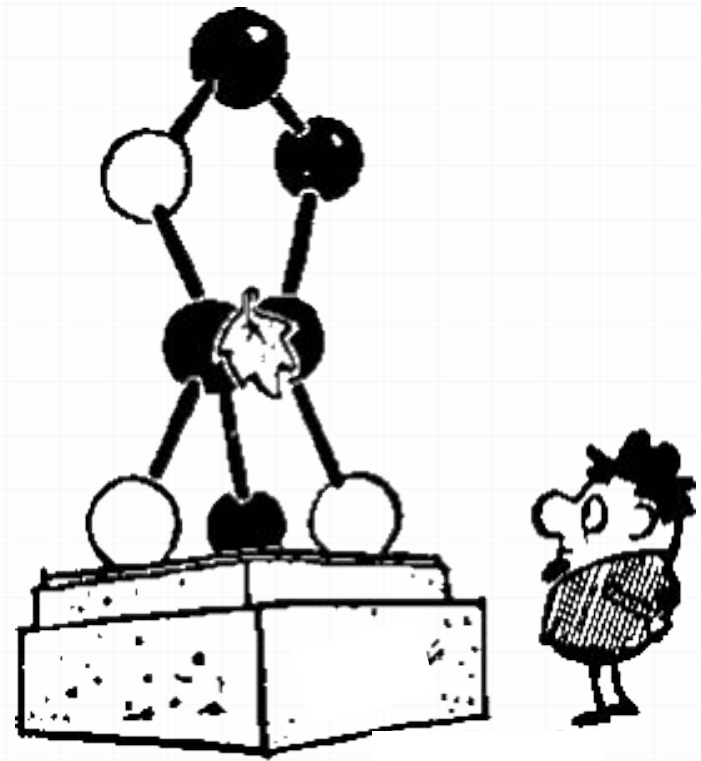


0 Television and other inventions are practical applications of Einstein`s discoveries.

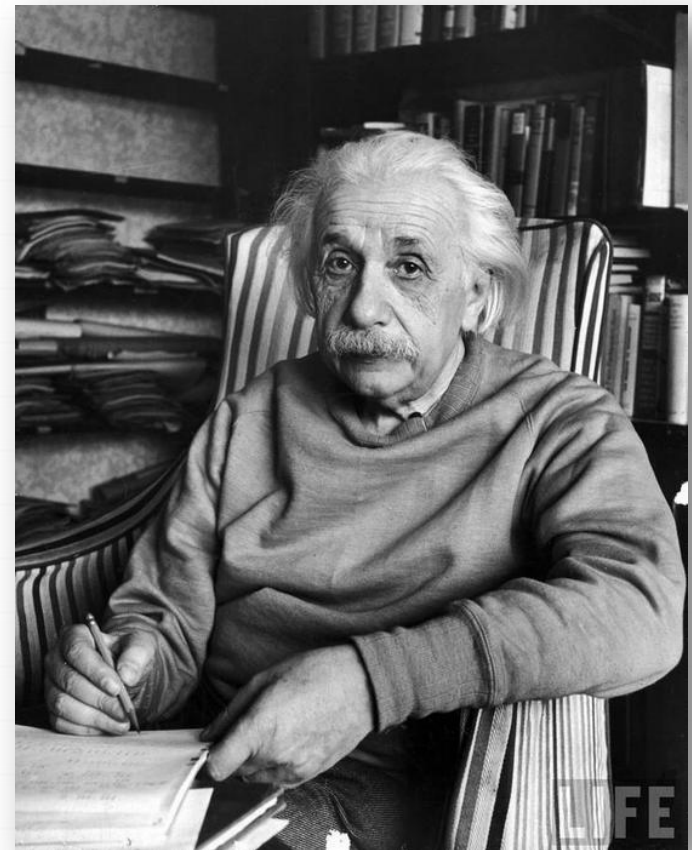
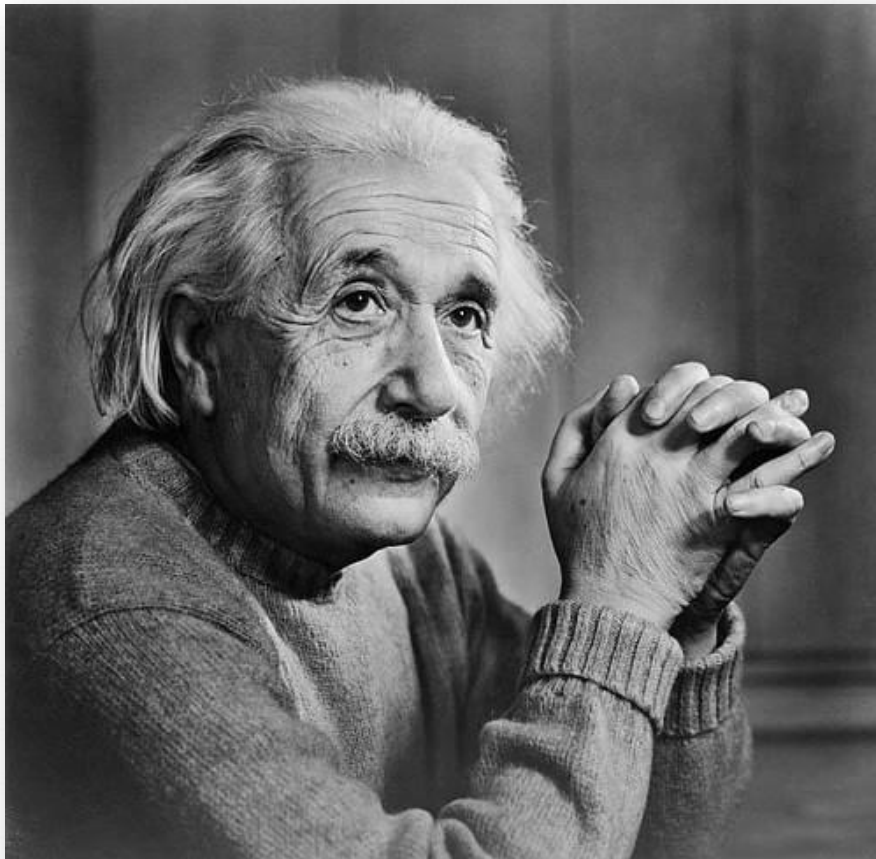


<http://aatechnaprom.net...>

- 0 His fourth paper was a mathematical addition to the special theory of relativity.
- 0 In 1916 Einstein published his general theory of relativity.



0 World-wide fame came to him in 1919 when the Royal Society of London announced that his general theory of relativity had been confirmed.



0 Einstein died in Princeton, on April 18, 1955.

