

Coulomb's Law

Newton's Second
Law

Planck's Formula

Newton's Law of Gravitation

*Einstein's
Energy Mass
Equivalence*

De Broglie's Wavelength

Faraday's Law

Rydberg's Formula

Photoelectric Effect

Snell's Law

Time Dilation Formula

Wave Equation


Maxwell's

Equation



In unifying electricity and magnetism

‘The only desire which I can have is like King David to serve my own generation by the will of God, and then fall asleep’.



Maxwell's equations in the form of
just four equations
commonly used today.

When Einstein was asked if he
stood on the shoulders of Newton,
he replied 'No, on the shoulders
of Maxwell'.

He gave Maxwell's photo pride of
place in his study.

Diffraction Formula



Serbian physicist and mathematician and the first woman to marry Albert Einstein from 1903 to 1919.

She was the first woman among Einstein's fellow students at Zürich and the second woman to finish a full program of study at the Department of Mathematics and Physics.

There is debate about whether Marić and Einstein were collaborators in developing his scientific ideas but she was clearly a capable woman and this was what first attracted Einstein to her.

When Einstein won the Nobel Prize for Physics in 1921, he gave the prize money to her to help care for their children.