

Ernst Mach

Quotes

*Science, Men, Facts, Support, Medicine, Views, Reality, Math, Philosophy,
Development, Body, Mean, Tasks, May, Doe, Powerful, Littles, Elements,
Sound, Point Of View*

Thing, body, matter, are nothing apart from the combinations of the elements, - the colours, sounds, and so forth - nothing apart from their so-called attributes.

~Ernst Mach

A colour is a physical object as soon as we consider its dependence, for instance, upon its luminous source, upon other colours, upon temperatures, upon spaces, and so forth.

~Ernst Mach

Strange as it may sound, the power of mathematics rests on its evasion of all unnecessary thought and on its wonderful saving of mental operations.

~Ernst Mach

Science is the most complete presentment of facts with the least expenditure of thought

~Ernst Mach

I can accept the theory of relativity as little as I can accept the existence of atoms and other such dogmas.

~Ernst Mach

Man is pre-eminently endowed with the power of voluntarily and consciously determining his own point of view.

~Ernst Mach

What Mach calls a thought experiment is of course not an experiment at all. At bottom it is a grammatical investigation.

~Ernst Mach

Many an article that I myself penned twenty years ago impresses me now as something quite foreign to myself.

~Ernst Mach

Science always has its origin in the adaptation of thought to some definite field of experience.

~Ernst Mach

Bodies do not produce sensations, but complexes of elements (complexes of sensations) make up bodies.

~Ernst Mach

If our dreams were more regular, more connected, more stable, they would also have more practical importance for us.

~Ernst Mach

Physics is experience, arranged in economical order.

~Ernst Mach

Science itself, therefore, may be regarded as a minimal problem, consisting of the completest possible presentment of facts with the least possible expenditure of thought.

~Ernst Mach

Personally, people know themselves very poorly.

~Ernst Mach

Mathematics may be defined as the economy of counting. There is no problem in the whole of mathematics which cannot be solved by direct counting.

~Ernst Mach

The ego is as little absolutely permanent as are bodies.

~Ernst Mach

The mathematician who pursues his studies without clear views of this matter, must often have the uncomfortable feeling that his paper and pencil surpass him in intelligence.

~Ernst Mach

Scientists must use the simplest means of arriving at their results and exclude everything not perceived by the senses.

~Ernst Mach

Thought experiment is in any case a necessary precondition for physical experiment. Every experimenter and inventor must have the planned arrangement in his head before translating it into fact.

~Ernst Mach

The acquisition of the most elementary truth does not devolve upon the individual alone: it is pre-effected in the development of the race.

~Ernst Mach

Ordinarily pleasure and pain are regarded as different from sensations.

~Ernst Mach

Archimedes constructing his circle pays with his life for his defective biological adaptation to immediate circumstances.

~Ernst Mach

Related Links:

- Science Quotes
- Men Quotes
- Facts Quotes
- Support Quotes
- Medicine Quotes
- Views Quotes
- Reality Quotes
- Math Quotes
- Philosophy Quotes
- Development Quotes
- Body Quotes
- Mean Quotes
- Tasks Quotes
- May Quotes
- Doe Quotes
- Powerful Quotes
- Littles Quotes
- Elements Quotes
- Sound Quotes
- Point Of View Quotes