

ETHICS & SCIENCE: TRADITIONAL & NEW VIEW

Traditional view

Science

Value-free
Causality
Refers to facts
Aims at truth

Laws
Source of knowledge: research

Rejects authority
Disjoint from morality

New view

Value-bound
Causality, chance & teleology
Refers to facts & ideals
Aims at truth and depth
Laws & rules
Source of knowledge: research

Ethics

Value-bound
Freedom and teleology
Refers to duties and ideals
Aims at goodness (or happiness, or
justice)
Rules or norms
Source of moral wisdom: religion, or
intuition,
Needs authority
Independent of science

Value-bound

Aims at goodness & efficiency

Source of moral wisdom: experience &
reason

Rejects groundless authority
Rules based on laws and values

Research involves moral norms

Rejects groundless authority
Rules based on laws and values

Moral norms ought to be at least
compatible with scientific knowledge