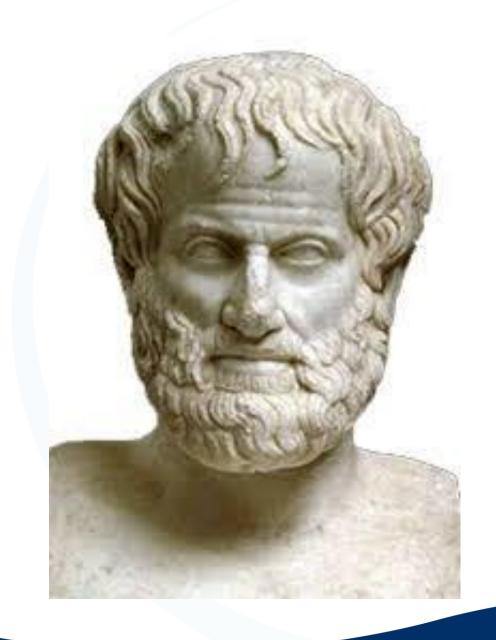
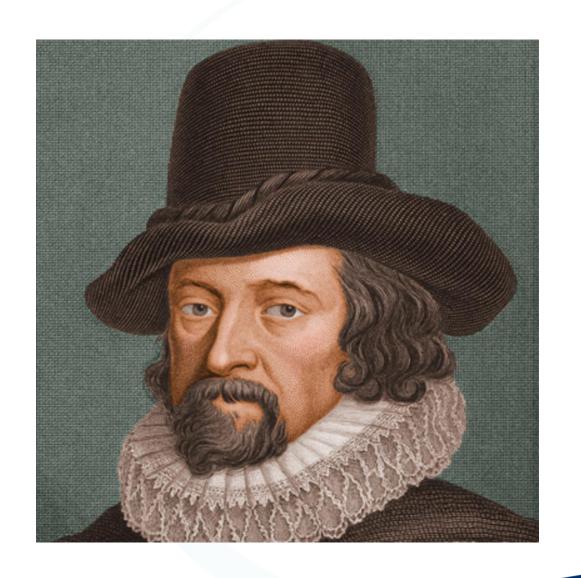




"The scientific disciplines such as physics, chemistry, biology and, in the social sciences, psychology, sociology and economics shape not only our perception of the sciences proper but also of the world around us as if they were given structures of the world" (Weingart, 2010, p. 3).



Aristotle
384 BC – 322 BC



Francis Bacon 1561 - 1626

CAROLI LINNÆI

EQUITIS DE STELLA FOLARE,

ARCHATEL REGIT, MED. & BOTAN, PROMIS. UPARE, J.

ACAD. UPARE, HOLMEN, PERROPOL, BERGE, LOND.

LOND. MOSSIEL, TOLOS, FLORENT, SOC.

SYSTEMA NATURÆ

REGNA TRIA NATURÆ,

CLASSES, ORDINES, GENERA, SPECIES,

Син

CHARACTERIBUS, DIFFERENTIIS, STNONTMIS, LOCIS.

TOMUS L

EDITIO DECIMA, REFORMATA.

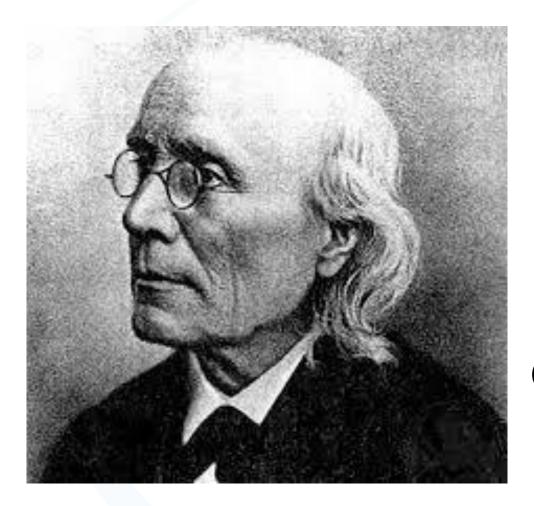
Cam Printigio Sie Rie Mair Sense.

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IMPESSES DIRECT. LAURENTH SALVIK,

1753-





Gustav Theodor Fechner 1801 - 1887

ELEMENTE

DER

PSYCHOPHYSIK

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GUSTAV THEODOR FECHNER.

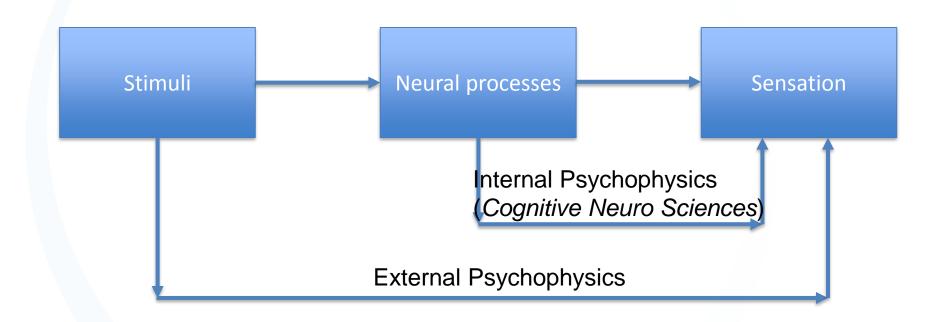
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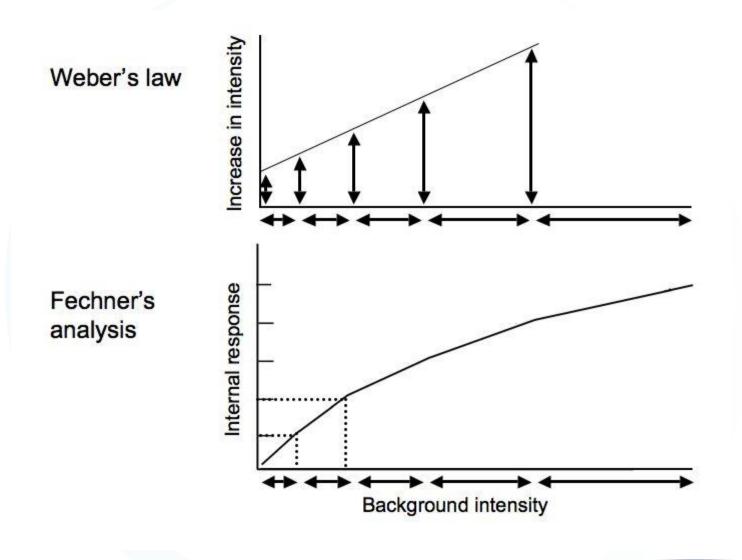
DRUCK UND VERLAG VON BREITKOPF UND HÄRTEL.

1860.



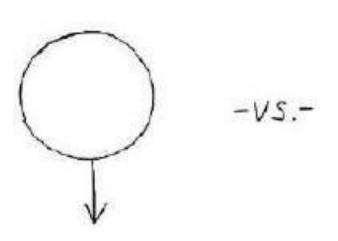


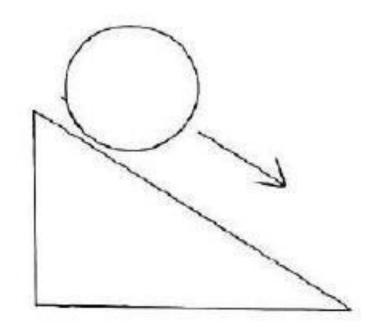






Kurt Lewin 1890 - 1947





Aristotle

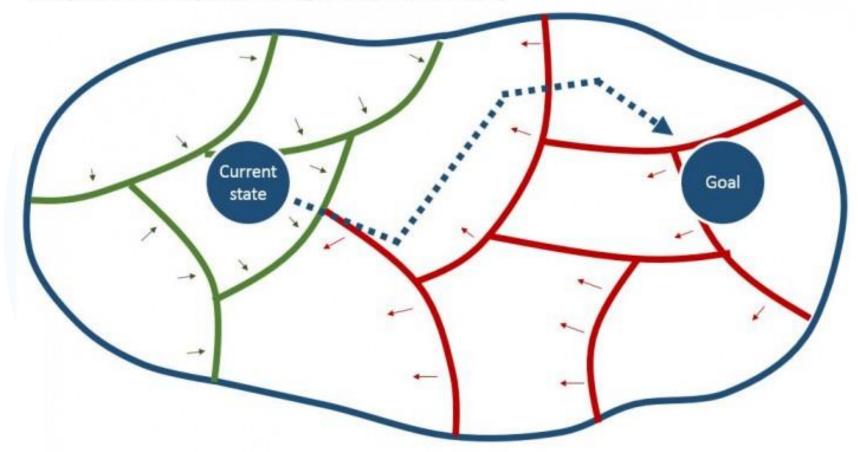
(Essentialist)

Galileo

(Conditional)



A depiction of a life space, reflecting Kurt Lewin's field theory



Adapted from Burnes & Cook (2013), Kurt Lewin's Field Theory: A Review and Re-evaluation, International Journal of Management Reviews, Vol. 15, 408–425 www.sidewaysthoughts.com

Four models of relationships

Communal Sharing Authority Ranking

Equality Matching

Market Pricing

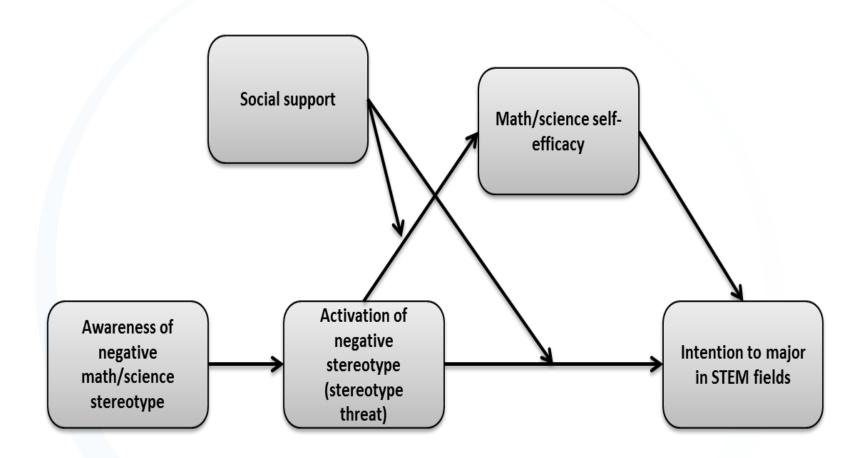
Relational Models Theory: http://www.sscnet.ucla.edu/anthro/faculty/fiske/relmodov.htm

Table 2. Descriptive and Inferential Statistics for all Scale-Based Items.

	N		M (SD)				
	Physics	Psychology	Physics	Psychology	t	df^{a}	d
My discipline is a science	130	203	6.98 (0.124)	6.51 (0.817)	8.10 [*]	216.27	0.80
My discipline has a strong theoretical foundation	127	202	6.91 (0.32)	5.97 (1.15)	10.91**	247.45	1.11
My discipline has a strong empirical foundation	127	202	6.86 (0.449)	6.22 (0.978)	8.05**	303.94	0.84
I wish my discipline were more scientific	126	201	1.94 (1.263)	3.95 (1.75)	- 12.03***	318.52	1.16
Students who obtain a bachelor's degree in my discipline have similar knowledge foundations regardless of the institution they attend	129	202	3.86 (1.713)	3.49 (1.565)	2.02*	329.00	0.23
Academics in my discipline agree with what the most important findings are	130	203	5.33 (1.399)	3.72 (1.488)	9.86**	329.00	1.43

Note. *p < .05, **p < .001.

^aThe dfs are not whole because they are corrected for unequal variance between groups.



End