

Behavior analysis and learning: pierce and cheney- chapter 1



Applied Behavior Analysis The science in which tactics derived from the principles of behavior are applied systematically to improve socially significant behavior and experimentation is used to identify the variables responsible for behavior change. **Behavior** Everything that an organism does.

ON BEHAVIOR ANALYSIS AND LEARNING: PIERCE & CHENEY- CHAPTER 1

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analysis The scientific study of behavior of organisms including: the discovery of principles and laws that govern behavior, the extension of these principles over species, and the development of an applied technology.

Behaviorism The philosophy of the science of behavior; various

forms **Contingency** A definition of the relationship between the occasion, the operant class, and the consequences that follow the behavior; $S_d: R > S_r$.

Culture All the conditions, events, and stimuli arranged by other people that regulate human action. **Experimental Analysis of Behavior** A natural science

approach to understanding behavior regulation; it involves breaking down complex environment-behavior relations into component principles of behavior, and then arranging experimental procedures that reveal the

underlying basic principles and controlling variables. **Learning** The

acquisition, maintenance, and change of an organism's behavior as a result of lifetime events. **Operant Behavior** Behavior that operates on the environment to

produce a change, effect, or consequence. **Private Behavior** Behavior that is accessible only to the person that emits it (i. e., thinking).