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"Questions about adaptation."

My purpose is simply to clarify or obscure the meaning of such terms as, "(complex) adaptive systems." (1) Does "adaptation" simply mean, "reaction," or does it have a value implication? (2) What is the relation between adaptive reactions of parts of the system and adaptation of the system as a whole? (3) How is "adaptation" related to such other terms as, "resilience," "stability," or, "robustness"? (4) How is "adaptation" related to "path dependence"? (5) How is "adaptation" related to "technological change" or to "evolution"? (6) Is "adaptation" good or bad? Does this question make any sense? As Alan Greenspan said to Congress, "if you think what I have said is clear, then you have not followed me."