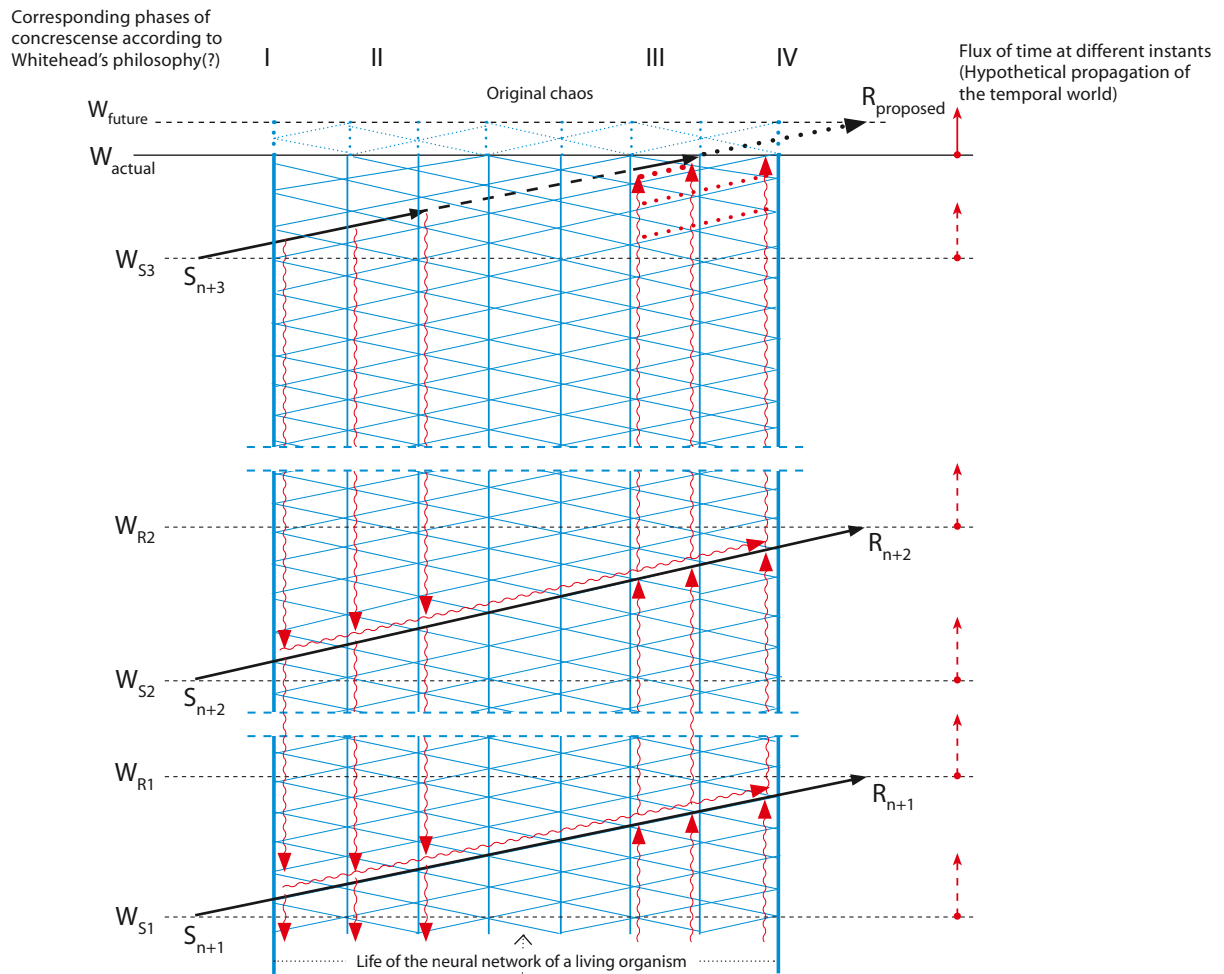


Hypothetical “mechanism” of reinforcement of responses, due to earlier experiences



W = A possible instant of the temporal World (in the past, in the future or now).

$S_{n...}$ = A stimulus (number n) of a certain kind ($S_{1,2,...}$ may contribute, together with $R_{1,2,...}$, to the formation of “eternal objects” according to the philosophy of A N Whitehead (?)).

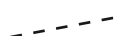
$R_{n...}$ = A response (number n) of a certain kind.



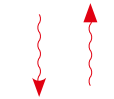
Neural network of standing waves. The vertical lines may symbolize, for instance, the nuclei of atoms, and the tilted lines photons – established as rays in accordance with (a “process interpretation” of) Cramer's [Transactional Interpretation](#) of QM. (The diagram is vertically compressed compared to a normal spacetime diagram – and of course extremely simplified.)




Well established causal path (as a hypothetical trace in the active “past”) from stimulus to response.



One of several lines of possible neural reactions caused by the stimulus S_{n+3} .



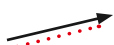
Hypothetical influences in “free time” (very much faster than the propagation symbolized by ) following enduring objects (e.g. synapses) of the organism back and forth through its hypothetic “past” of atomic coils of standing waves.



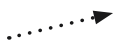
Causal path serving as a fast link of waves (superposed on standing waves) between different regions of the “past”.



Hypothetical non-local activation (in the world immediately after W_{S3}) of anticipation of the future, augmenting the probability of a reaction modeled on $R_{n,n+1,n+2}$.



Causal path partly established as a result of a positive interaction with the active “past”.



One of several possible future responses, an anticipation of the future. - The appearance here of moments of indecision (when the state vector is not yet collapsed - see p. 7) in the causal process is a condition for our free will, i.e. for the processes of “free time” in the active “past” to exert some influence on the causal efficacy.

The wavy lines of “free time” correspond to feelings and cannot be studied objectively by a second or a third person.

In this model, relations are drawn as they might have been noted by an imaginary (“fourth person”) observer. The old behavioristic formula $S - R$, or $S - O$ (rganism) – R , (D. O. Hebb), should then be extended to the non-behavioristic formula $S - O - Experience - O - R$: $S - O - E - O - R$. (Compare this with the phases of concrescence: I (S-O), II (O-E), III (E-O), IV (O-R).)

The “E-part” of this formula (symbolizing processes outside the temporal world) makes, in my opinion, continued experiences after death conceivable. The hypothetical processes of this region (the active “past”) may explain non-local phenomena on different levels, e.g. eventual ESP-phenomena. The importance of the *temporal world* in relation to the “past” seems to be the *creation of good relations*. (For instance, a potential suicide bomber should not expect a paradise.)