

## BAM Critical Points

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MIT2019103

- In the research paper, they have introduced a new transmission function which will give a floating point value when 'x' is between  $(-1,1)$ .
- Due to above transmission function, the shape of transmission function imitates sigmoid function but without asymptotic behaviours.
- The learning rule has been modified. It now includes a recency parameter which removes memory associations which are not strong enough.
- Because of the above modified learning rule, the BHM has better performance when rapid learning is necessary.