

game of life question

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Let L denote the set of all points of the plane with integer coordinates and let P denote the set of all subsets of L . Conway's game of life determines a mapping T from P to itself. Call an element x of P timeless if there is a sequence $x_0=x, x_1, x_2, \dots$ of elements of P such that, for every positive integer n , we have $T(x(n)) = x(n-1)$.

Is there any characterization known of the set of timeless elements of P , other than the definition?

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Ignorantly,

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* Disclaimer: I am a guest and *not* a member of the MIT CSAIL. My actions and * comments do not reflect in any way on MIT. Also, I am nowhere near Boston.

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