

HALT

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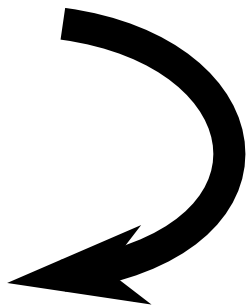
CORRECTNESS

Simply: $M'(M, X) := \text{if } M(x) \text{ halts, then } 1$

$H(M, X)?$

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$K(M', (M, X), 1)$



\downarrow complex

Yes/No

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Yes/No