

New Trends in Onedimensional Dynamics
Celebrating the 70th anniversary of Welington de Melo

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Title: Invariant measure for critical covering maps of the circle

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Abstract: We introduce a generalization of the Fibonacci combinatorics for critical covering maps of the circle and, under the additional hypothesis of negative Schwarzian derivative and critical point of order between 1 and 2, we prove that they have an absolutely continuous invariant measure.