

Constructing Entire Functions (a summary)

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Theorem (Bishop): Any continua can be ϵ -approximated in the Hausdorff metric by some $p^{-1}[-1, 1]$.

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$\mathcal{S}_{2,0}$ - transcendental functions with two critical values ± 1 and no asymptotic values

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critical values: ± 1

Put in somewhere notion of **conformally balanced**
are inverse images in $\mathcal{S}_{2,0}$ always trees?

References



Chris Bishop (2014)

Constructing Entire Functions By Quasiconformal Folding

Acta Mathematica



Nuria Fagella, Sebastien Godillion, and Xavier Jarque (2014)

Wandering domains for composition of entire functions

Journal of Mathematical Analysis and Applications