



Classification of radial solutions of the focusing, energy-critical wave equation

[Thomas Duyckaerts](#), [Carlos Kenig](#), [Frank Merle](#)

(Submitted on 30 Mar 2012)

In this paper, we describe the asymptotic behaviour of globally defined solutions and of bounded solutions blowing up in finite time of the radial energy-critical focusing non-linear wave equation in three space dimension.

Subjects: **Analysis of PDEs (math.AP)**

Cite as: [arXiv:1204.0031v1](#) [math.AP]

Submission history

From: Thomas Duyckaerts [[view email](#)]

[v1] Fri, 30 Mar 2012 21:33:03 GMT (39kb)

[Which authors of this paper are endorsers?](#)

Link back to: [arXiv](#), [form interface](#), [contact](#).

Download:

- [PDF](#)
- [PostScript](#)
- [Other formats](#)

Current browse context:

math.AP

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1204](#)

Change to browse by:

[math](#)

References & Citations

- [NASA ADS](#)

Bookmark([what is this?](#))

