



A Nielsen theory for coincidences of iterates

[Philip R. Heath](#), [P. Christopher Staecker](#)

(Submitted on 27 Jul 2011)

As the title suggests, this paper gives a Nielsen theory of coincidences of iterates of two self maps f, g of a closed manifold. The idea is, as much as possible, to generalize Nielsen type periodic point theory, but there are many obstacles. Many times we get similar results to the "classical ones" in Nielsen periodic point theory, but with stronger hypotheses.

Comments: 30 pages

Subjects: **Algebraic Topology (math.AT)**; Dynamical Systems (math.DS)

MSC classes: 55M20, 37C25

Cite as: [arXiv:1107.5510 \[math.AT\]](#)

(or [arXiv:1107.5510v1 \[math.AT\]](#) for this version)

Submission history

From: P. Christopher Staecker [[view email](#)]

[v1] Wed, 27 Jul 2011 15:39:49 GMT (33kb)

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

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

Download:

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

Current browse context:

math.AT

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

[new](#) | [recent](#) | [1107](#)

Change to browse by:

[math](#)

[math.DS](#)

References & Citations

- [NASA ADS](#)

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

