

Abstract Submitted
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Singularity formation with the harmonic map and a distributed data analysis tool. JASON WILLIAMS, STEVE LIEBLING — I have developed a new tool which can analyze data from numerical relativity. It runs in parallel and is easily extensible. With help from this tool I have implemented a model to find solutions to the harmonic map ($M^{\{3+1\}} \rightarrow S^2$) within a distributed adaptive mesh refinement (AMR) code in order to study the formation of singularities in flat space.

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