

# Blowup for Quasilinear Wave Equations: Survey and Open Questions

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## **Resumo/Abstract:**

We recall the state of the art about blowup for quasilinear second order equations: the geometric condition of "genuinely nonlinearity" is well understood then. We also discuss several examples of blowup at infinity, and eventually we discuss the connexion between the two phenomenon, based on a simple example where conformal compactification is available. Throughout the talk, we mention numerous open questions and some conjectures, to show that this is a widely open research field, connected to geometry and general relativity.