

On the viscosity solutions to some doubly nonlinear degenerate parabolic equations
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In this talk we will address the existence of positive viscosity solutions to Trudinger's equation ($p \geq 2$) and an analogous equation involving the infinity-Laplacian. We will discuss a change of variables that converts these equations to one that is not doubly nonlinear. This version leads to a proof of a quotient type comparison principle. We construct sub-solutions and super-solutions and employ Perron's method to prove existence.

This is joint work with Leonardo Marazzi.