## ASYMPTOTIC ANALYSIS IN THE BALL FOR ALMOST CRITICAL FULLY NONLINEAR ELLIPTIC EQUATIONS

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We will present recent results about the asymptotic behavior as  $\epsilon \to 0$  of the solutions  $u_{\epsilon} \ge 0$  of the Dirichlet problems

$$\begin{cases} -\mathcal{M}^{\pm}(D^2 u_{\epsilon}) = u_{\epsilon}^{p_{\pm}^* - \epsilon} & \text{in } B_1, \\ u_{\epsilon} = 0 & \text{on } \partial B_1 \end{cases}$$

where  $p_{\pm}^*$  are the critical (radial) exponents for the Pucci's operators  $\mathcal{M}^{\pm}$ .

We will show how the solutions  $u_{\epsilon}$  concentrate around their maximum point (the origin), while a suitably defined energy associated to the system remains invariant.

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