

# General lower order terms depending on $u$ and $|Du|$ in some elliptic and parabolic problems.

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We would like to present some results concerning existence of solutions for elliptic and parabolic problems involving lower order terms of the type  $b(u)|Du|^2$ . More precisely, we will study an elliptic problem with Dirichlet boundary conditions in the case where  $b(u)$  is singular at the point  $u=0$  and some classes of parabolic problems when  $b(u)$  is a continuous, unbounded function