On BVPs in $l^\infty(A)$

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Abstract: We prove the existence of extremal solutions of Dirichlet boundary value problems for $u''_\alpha + f_\alpha(t, u, u'_\alpha) = 0$ in $l^\infty(A)$ between a generalized pair of upper and lower functions with respect to the coordinatewise ordering, and for $f$ quasimonotone increasing in its second variable.

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