

Estimates of solutions of elliptic equations with a source reaction term involving the product of the function and its gradient

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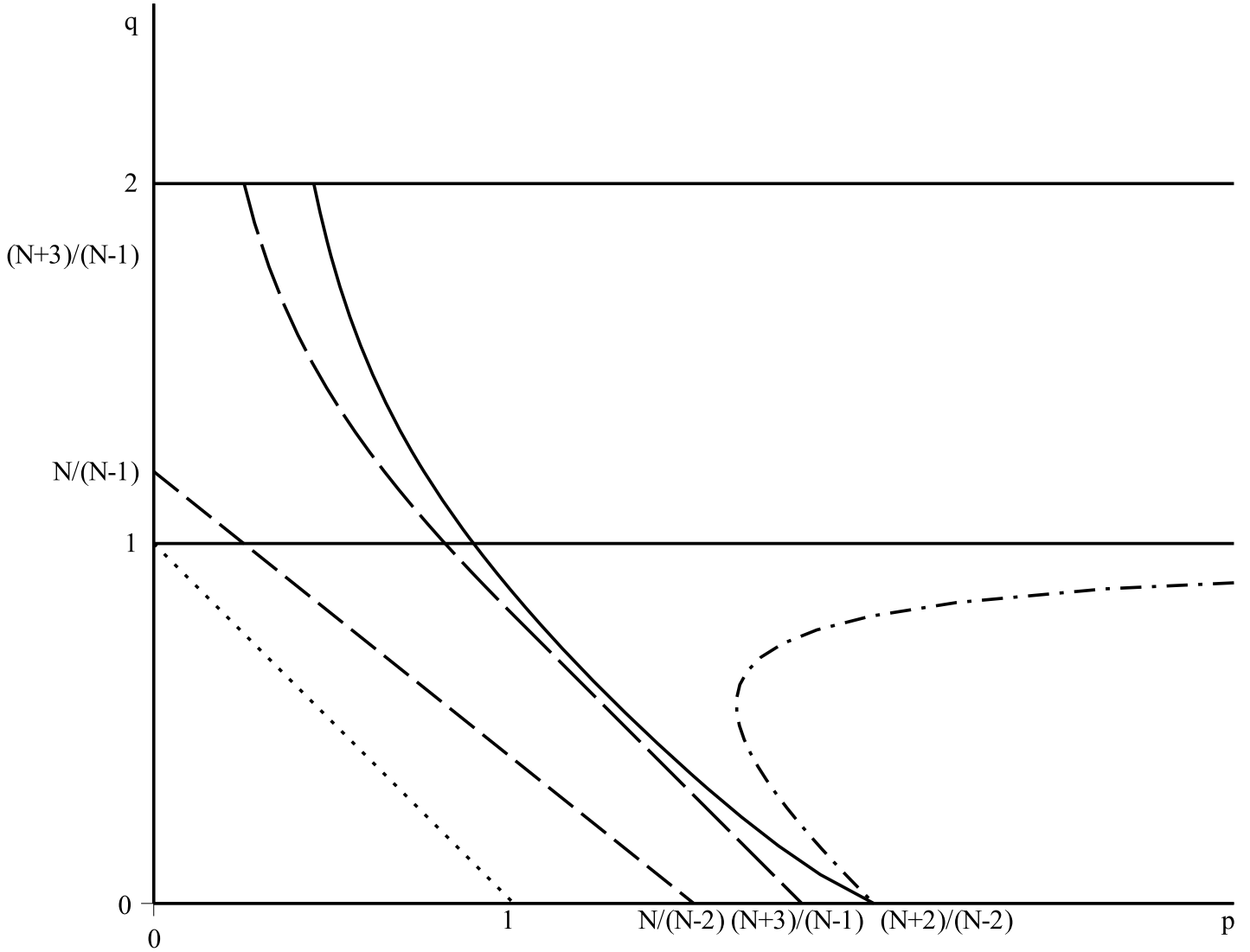
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— — The first critical relation (N-2)p+(N-1)q=N, see Theorem A

— · — The second critical relation in the radial case : p(N-2)+q(N-1)=N+(2-q)/(1-q), see Theorem D

· · · · · The curve of homogeneity p+q=1

— - The separatrix curve for Theorem B: $(N-1)(p+q-1)=\frac{(p+1)^2}{p}$ and $(N-1)(p+q-1)=4$

——— The separatrix curve for Theorem C: G(p,q)=0