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Grigoriou Labraki str. GR-18532 Piraeus, Greece, 18532 Piraeus, Greece, Greece. *Nodal solutions
for indefinite Robin problems*

We consider a semilinear Robin problem driven by the negative Laplacian plus an indefinite, unbounded potential. The reaction term is a Caratheodory function of arbitrary structure outside an interval $[-c, c]$ ($c > 0$), odd on $[-c, c]$ and concave near zero. Using a variant of the symmetric mountain pass theorem, together with truncation, perturbation and comparison techniques, we show that the problem has a whole sequence $\{u_n\}_{n \geq 1}$ of distinct nodal solutions converging to zero in $C^1(\overline{\Omega})$.

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