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Resurgence and related questions for two intersecting lines in $\mathbb{P}^{2}$
Given an ideal $I$ in a polynomial ring over a field, we can define the resurgence of $I$ as the supremum over all ratios $\mathrm{m} / \mathrm{r}$ such that the m-th symbolic power $I^{(m)}$ is not contained in the r-th ordinary power $I^{r}$. We will exhibit some results for the resurgence and related questions in the case that $I$ is the ideal defined by $2 n+1$ distinct points in $\mathbb{P}^{2}$, where $n$ points lie on a line $L_{1}, n$ points lie on line $L_{2}$, and one point is at the intersection of $L_{1}$ with $L_{2}$.

