▶ RUSSELL MILLER, *Survey of degree spectra of high$_n$ and non-low$_n$ degrees.*

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The high$_n$ Turing degrees are those whose n-th jump computes $\emptyset^{(n+1)}$; the non-low$_n$ degrees are those with n-th jump $\not\leq_T \emptyset^{(n)}$. These well-known classes of degrees are all upwards-closed under Turing reducibility, so it is natural to search for structures with spectra equal to various of these classes. We give a survey of recent results on this topic, by the speaker and many other authors, and also consider the same question for spectra of relations on computable structures. Linear orders turn out to be of particular interest.