1064-03-78   **Antonio Montalban*** (`antonio@math.uchicago.edu`), 5734 S University ave., Eckhart Hall - University of Chicago, Chicago, IL 60657. *The non-hyperarithmetic degrees form a spectrum.*

We prove that there is a structure, that can be taken to be a linear ordering, such that a set can compute a presentation of it if and only if the set is not hyperarithmetic.

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