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**Title:** Remarks on periodic resonant problems with bounded nonlinear dissipation

**Abstract:**
In a paper published in Electr. J. Diff. Eq. (2000), Alan C. Lazer (1938-2020) gave a simple proof of necessary and sufficient conditions for the existence of a periodic solution to a second order ODE with a nonlinear damping term and the linear part at resonance. This and related problems have been considered by many authors. We discuss a discrete version of the result, and make further comments on the ODE topic, including a variation in the proofs. The Poincaré-Miranda theorem and related statements are in evidence in our procedure. The exposition is based on joint work with Luís Ferreira and with João G. Silva.