1086-52-1402   **Jeremiah D Bartz*** (`jbartz@uoregon.edu`). *New Examples of Multinets in $\mathbb{P}^2$ and $\mathbb{P}^3$.* Preliminary report.

In the study of resonance varieties, one uses specific configurations of points and lines in $\mathbb{P}^2$ called nets and multinets. Very few examples of multinets are known. Furthermore, there is a conjecture that every multinet is a degeneration of a net. In this work, numerous new examples of multinets are exhibited, each which is a degeneration of a net. (Received September 21, 2012)