A property of integral division points on curves and its dynamical system analogue
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(Joint work with David Grant.) I will begin with the cases of the multiplicative group and elliptic curves. I will give definitions of integral point, division group, and others, results in the two cases, main ideas of how to prove them, and a possible generalization to a higher-dimensional case.

Later I will turn our attention to the case of arithmetical dynamical systems. I will give a brief explanation of the connection of the prior cases to the dynamical system case and how to generalize the ingredients of the above cases to the dynamical systems in relation to the Petsche-Szpiro-Tucker work. At the end I will add how this new case can be related to the works of others such as Sookdeo and Tucker.