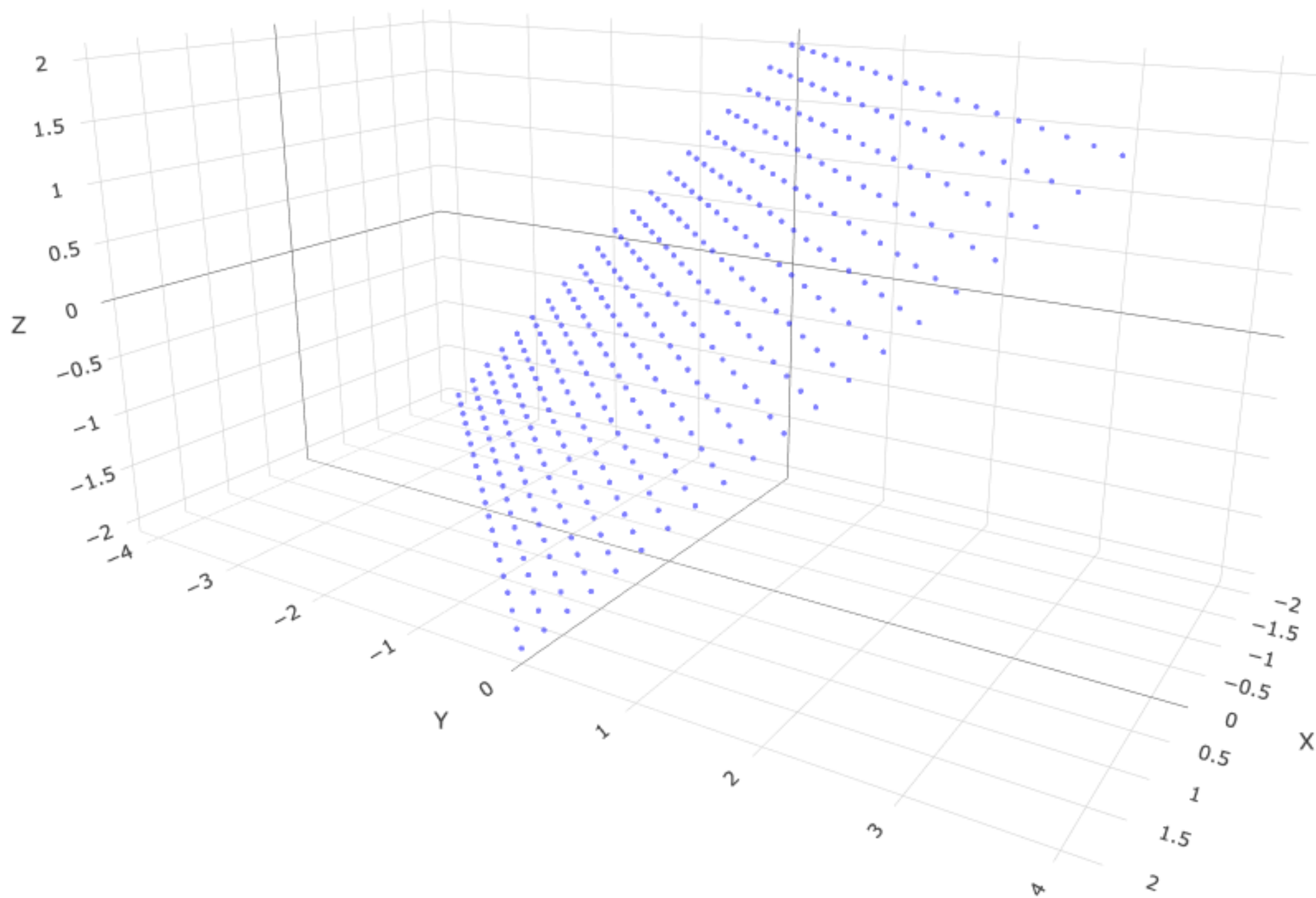


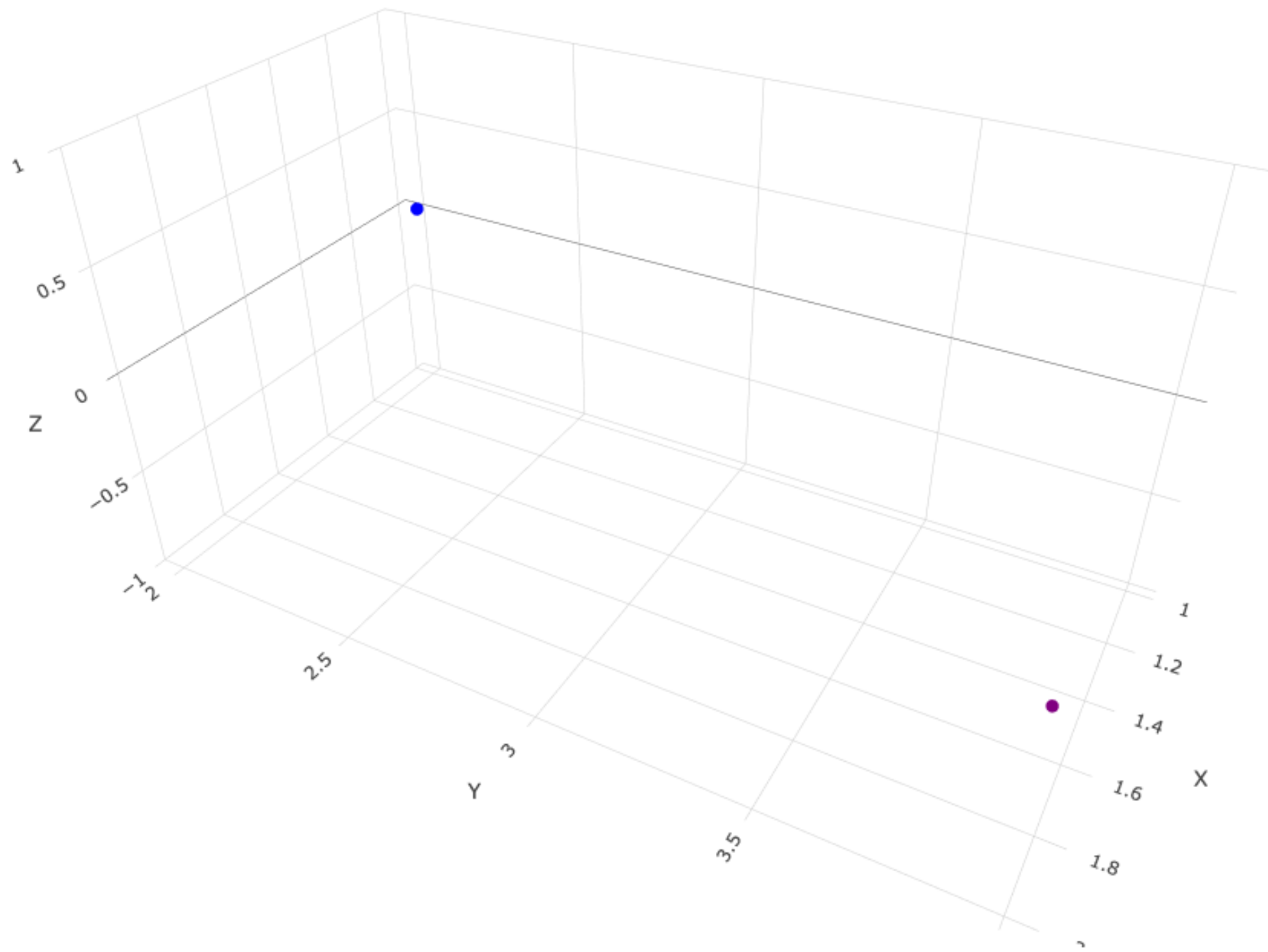


linear combinations: planes and lines



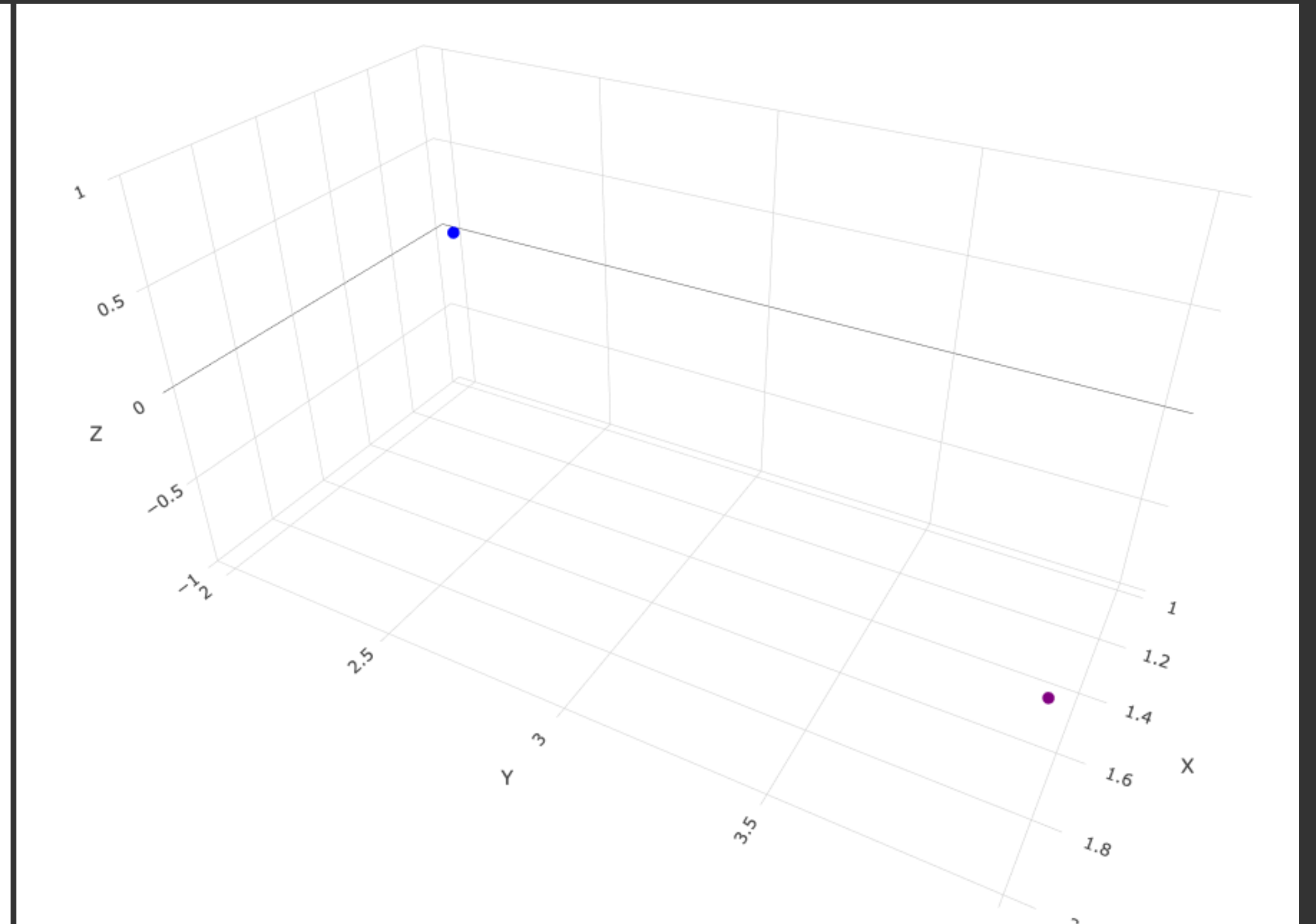
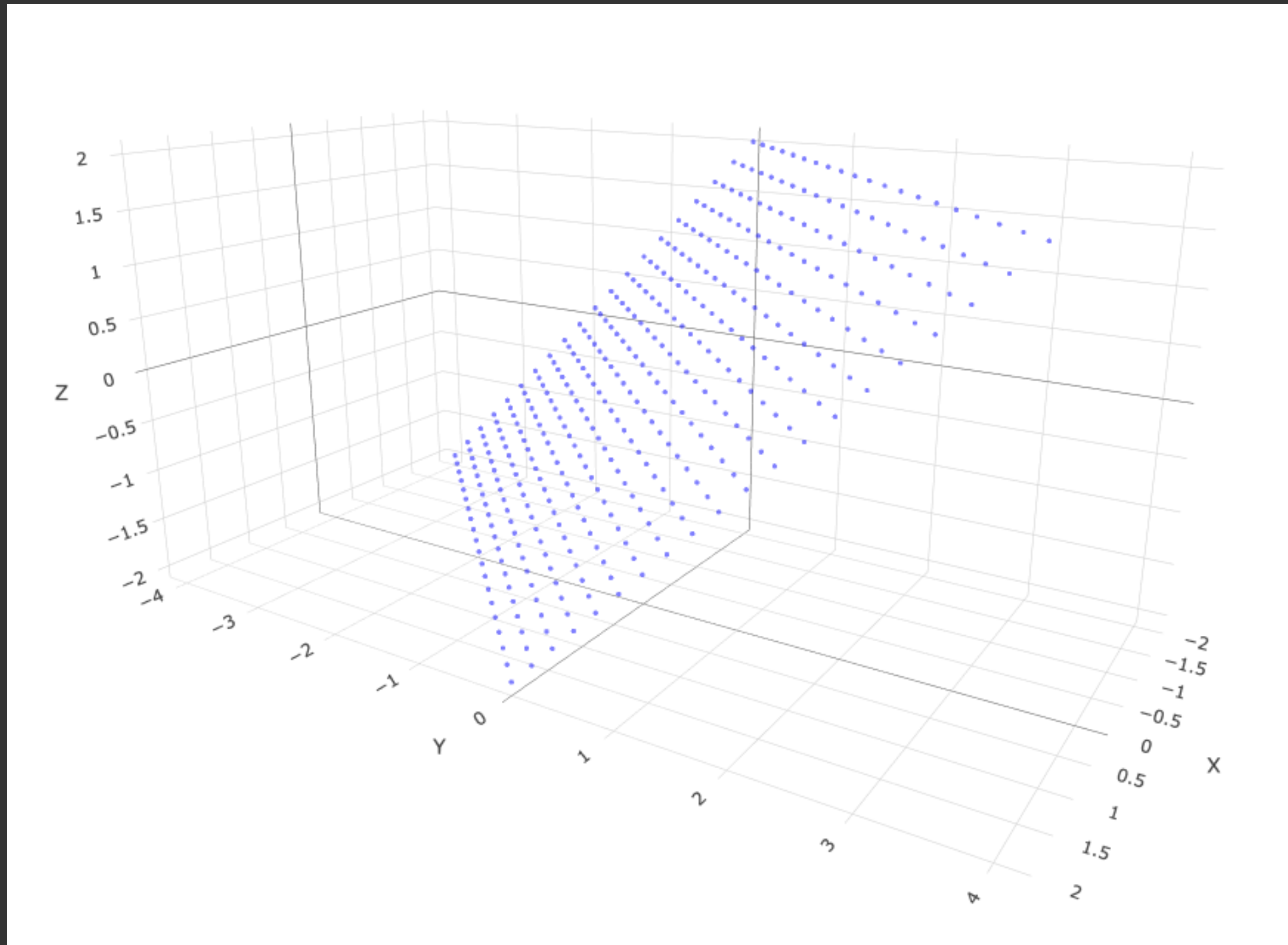
Geometrically,





# linear combinations: planes and lines

- **Geometrically**, the linear combinations of a nonzero vector form a line. The linear combinations of two nonzero vectors form a plane, unless the two vectors are collinear, in which case they form a line.



linear combinations

linear combinations