Figures for number line and 1D vector analogy that I used to motivate the contraction axiom. I ended up pulling that motivation attempt from the book, as I wasn't sure I explained my thoughts well.

```
<< peeters`;
peeters`setGitDir["../project/GAelectrodynamics-figures"]
p1 = -3;
p2 = 7;
0 = \{0, 0\};
a1 = \{p1, 0\};
a2 = \{p2, 0\};
n = NumberLinePlot[{p1, p2}]
pts = ListPlot[{o(*,a1,a2*)},
   PlotRange \rightarrow \{\{-4, 8\}, \{-1, 1\}\}, Axes \rightarrow \{Automatic, None\}\};
arrows = Graphics[{Thick,
    Red, Arrow[{o, a1}],
    Blue, Arrow[{o, a2}]}
  ];
s = Show[pts, arrows]
peeters`exportForLatex["1DnumberlineFig1", n]
peeters`exportForLatex["1DarrowsFig2", s]
{1DnumberlineFig1.eps, 1DnumberlineFig1pn.png}
{1DarrowsFig2.eps, 1DarrowsFig2pn.png}
Directory[]
/Users/pjoot/project/GAelectrodynamics-figures
```