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3.1 Lorenz model
         a)
         x = .; y = .; z = .; S = .; stabMat = .;
         f = sigma * (y - x);
         g = r * x - y - x * z;
         h = x * y - b * z;
         sigma = 10;
         b = 8 / 3;
         r = 28;
         flow = \{f, g, h\};
         S = NSolve[flow == 0, \{x, y, z\}]
         stabMat = D[flow, \{\{x, y, z\}\}\] /. %[1]; (*Change values from 1 to 3*)
         Eigenvalues[stabMat]
         lim = 20;
         StreamPlot3D[P, \{x, -1im, 1im\}, \{y, -1im, 1im\}, \{z, -1im, 1im\}];
Out[1854]= \{\; \{\; x \, \rightarrow \, 8.48528 \text{, } y \, \rightarrow \, 8.48528 \text{, } z \, \rightarrow \, 27. \, \} \, \text{,}
           \{\,x\to -8.48528\text{, }y\to -8.48528\text{, }z\to 27.\,\}\text{, }\{\,x\to 0\text{., }y\to 0\text{., }z\to 0\text{.}\}\,\}
Out[1856]= \{-13.8546 + 0. i, 0.0939556 + 10.1945 i, 0.0939556 - 10.1945 i\}
         b)
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