

—Wolf interval

We know that fifth =  $\frac{3}{2}$  and on the piano it is equal to  $\frac{3}{2}$  if we have 12 fifths it will take 7 octaves we come to:

$$\left(\frac{3}{2}\right)^{12} \approx 2^7 \Leftrightarrow \frac{3^{12}}{2^{12+7}} = \frac{3^{12}}{2^{19}} = \frac{531441}{524288} \approx 1.$$

About thirty years ago we played with David phoning to people to 531441 and 524288