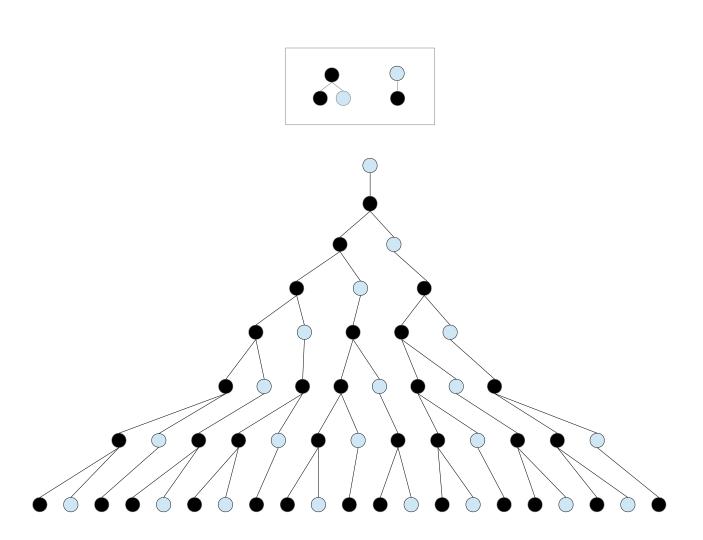
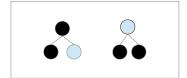
$$x^2+x-1=0$$

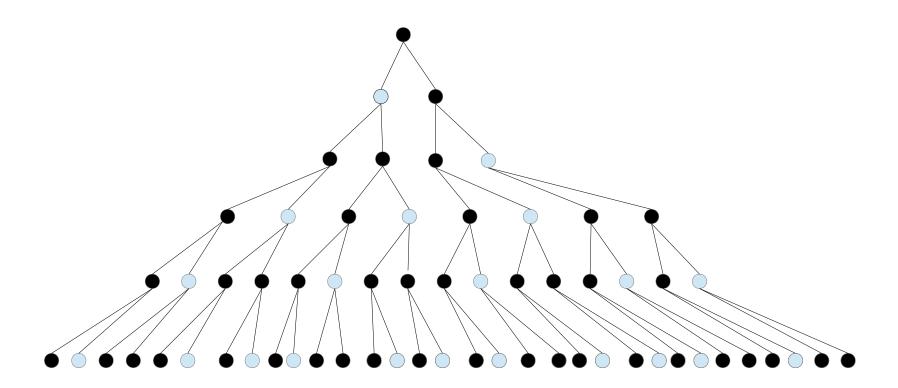
("Fibonacci rabbits" tree, based on Fibonacci sequence)



$$2x^2+x-1=0$$

(I stumbled on the equation corresponding to tis tree more-or-less by accident.)





$$x^3-x^2-2x+1=0$$

(Thanks to https://oeis.org for pointing me to the polynomial equation corresponding to the sequences I created using this tree diagram.)



