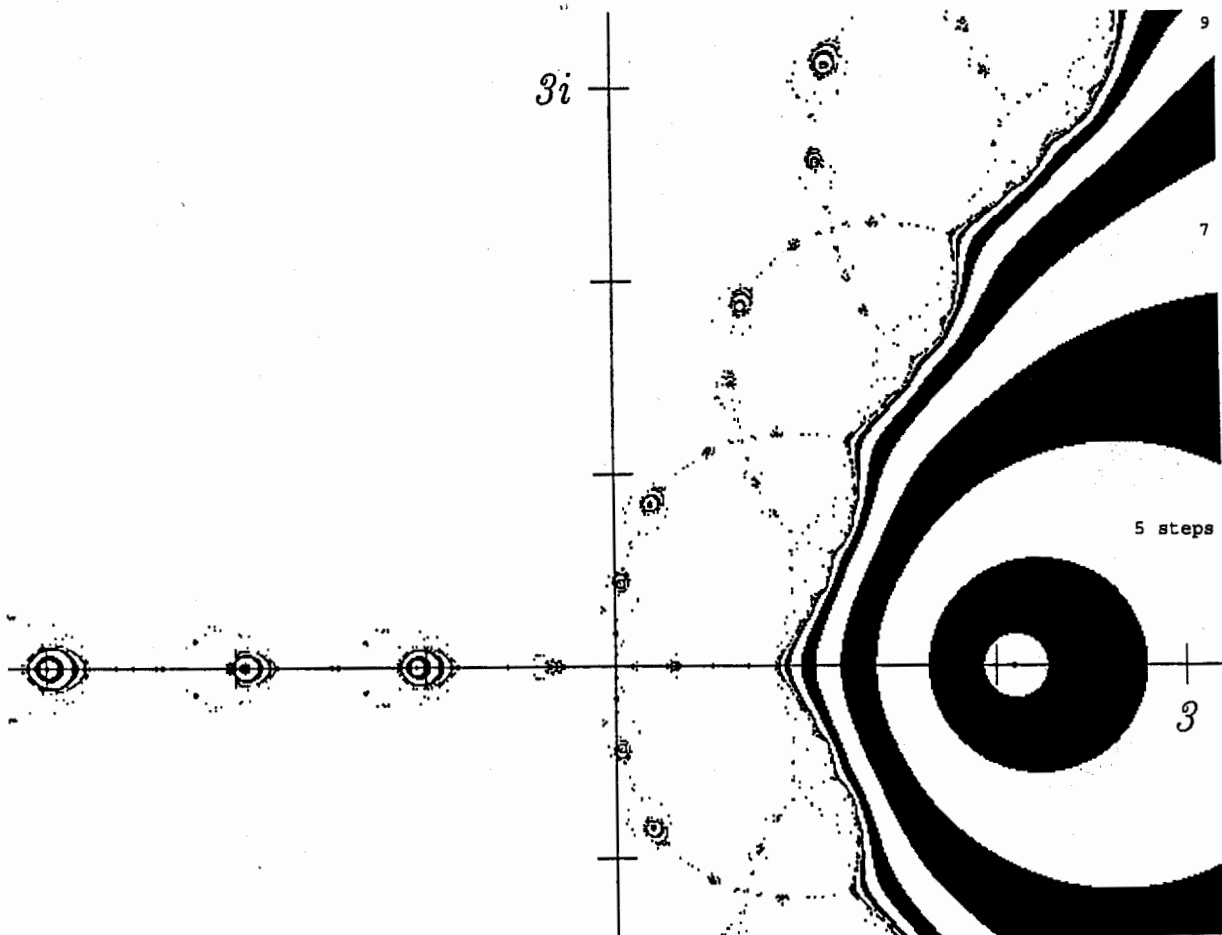


The DARK points in the diagram below mark locations in the z -plane from which the complex Newton iteration applied to the Wallis equation

$$z^3 - 2z - 5 = 0$$

needs an **EVEN** number of steps to converge to the real root $z_1 \approx 2.094\ 551\ 482$ to an absolute accuracy $|\Delta z| < 1.0e-8$.



The diagram on the opposite side reports similarly for the complex root $z_2 \approx -1.047\ 275\ 741 + 1.135\ 939\ 889\ i$.

