

0 1 0 0 0 1 1 0 0

17 29

4.56 4.56 4 5 4 5 4.56 4.56  $\pi e e i i \gamma \infty$

22 7  $\pi$

a 1 1 a 1 2 ... a 1 n a 2 1 a 2 2 ... a 2 n : a m 1 a m 2 ... a m n x 1 x 2 : x n = b 1 b 2 : b n

$f(x) = \sum j=0 \infty f_j 0^j! x^j$

$x^2 - 9 = x^2 - 3^2 = x - 3 \quad x + 3$

$x^2 - 9 = x^2 - [3]^2$

$a x^2 + b x + c = 0$  a  $x^2 + b x = -c$   $x^2 + b x + \frac{b^2}{4} = -c + \frac{b^2}{4}$   $(x + \frac{b}{2})^2 = \frac{b^2 - 4ac}{4}$   $x + \frac{b}{2} = \pm \sqrt{\frac{b^2 - 4ac}{4}}$   $x = -\frac{b}{2} \pm \frac{\sqrt{b^2 - 4ac}}{2}$  There's the vertex formula.