Appendix 1:   Pictures of prime numbers for complex UFD

The pictures show the quadratic character and a picture of prime numbers and units for the complex quadratic fields whose domain of integers is a unique-factorization domain, namely

the fields of discriminant congruent 0 modulo 4:

$\quad$ Q($\sqrt{-1}$), Q($\sqrt{-2}$)

and the fields of discriminant congruent 1 modulo 4:

$\quad$ Q($\sqrt{-3}$), Q($\sqrt{-7}$), Q($\sqrt{-11}$), Q($\sqrt{-19}$), Q($\sqrt{-43}$), Q($\sqrt{-67}$), Q($\sqrt{-163}$).

Q(√-11)   chi   prime numbers   units

Q(√-19)   chi   prime numbers   units

Q(√-43)   chi   prime numbers   units

Q(√-67)   chi   prime numbers   units

Q(√-163)   chi   prime numbers   units