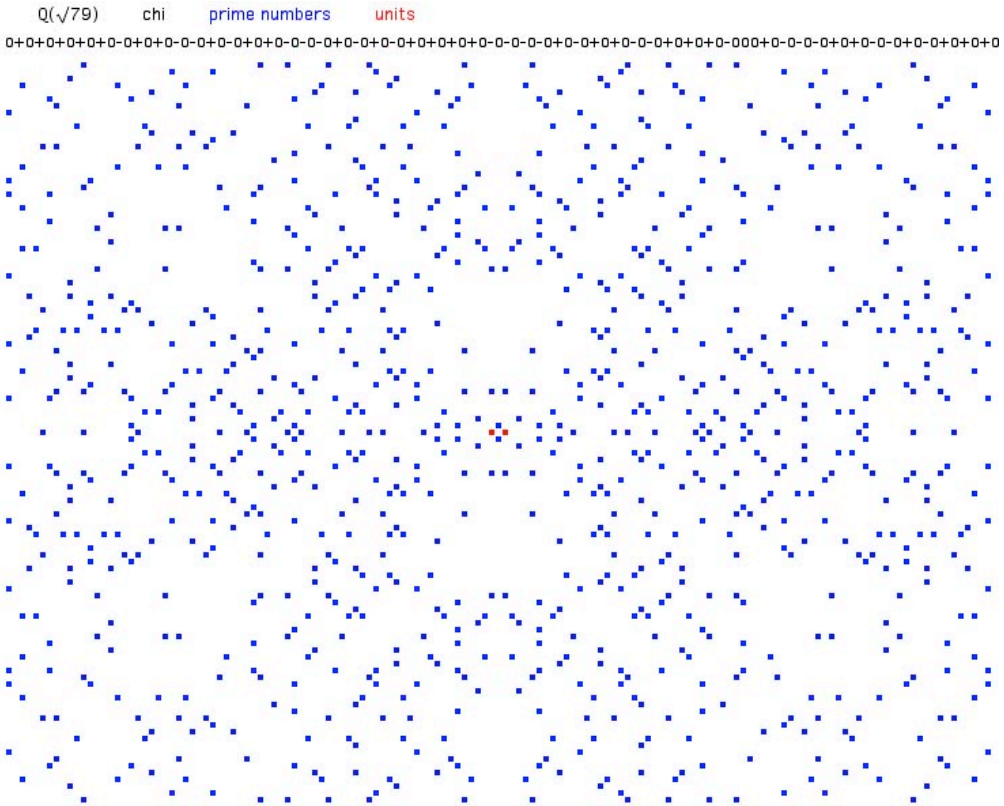
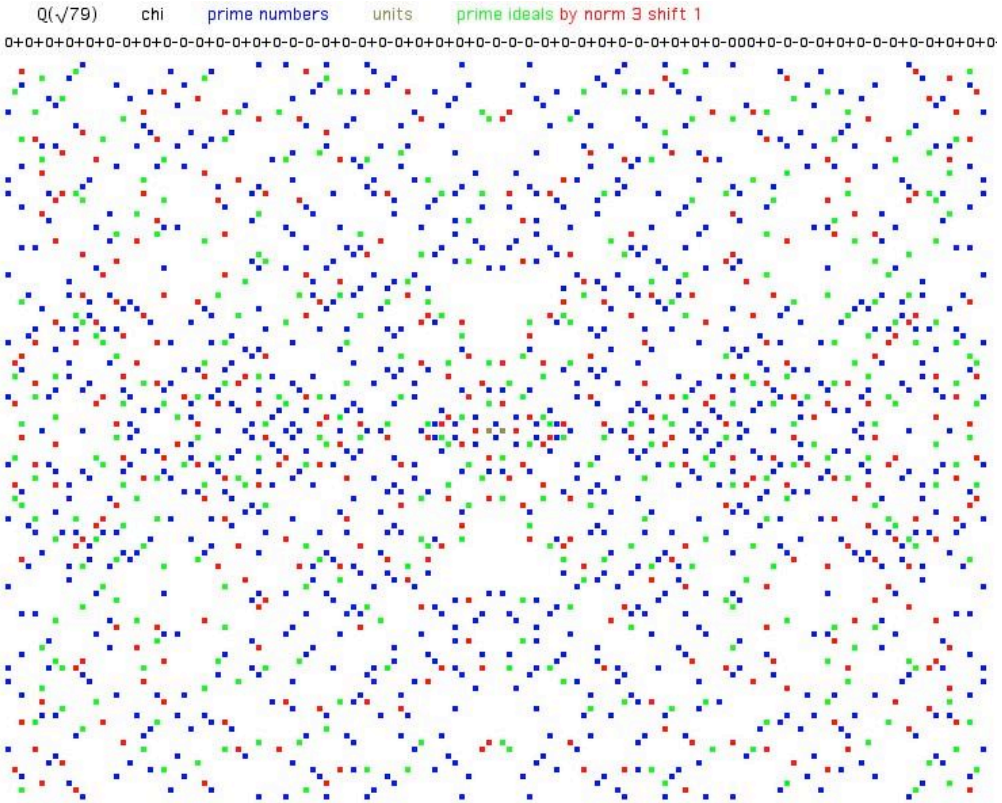
Pictures for some real fields of class number 3 and d ≡ 0 mod 4:

$Q(\sqrt{79})$, $Q(\sqrt{142})$, $Q(\sqrt{223})$, $Q(\sqrt{254})$, $Q(\sqrt{326})$, $Q(\sqrt{359})$

prime numbers and units

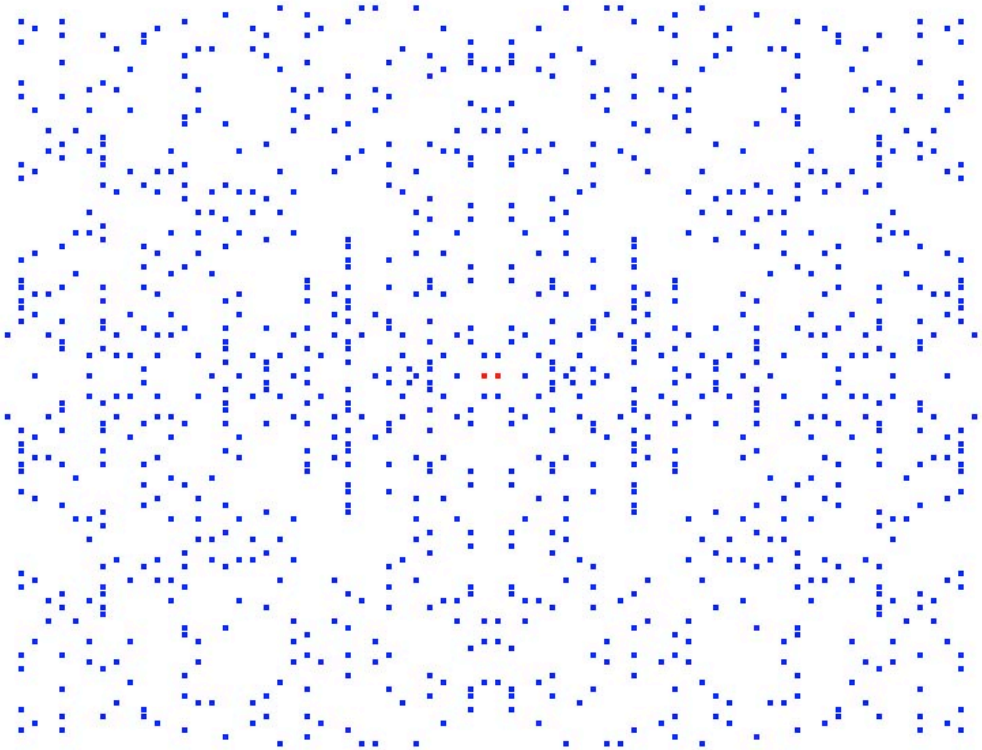


and non-principal prime ideals



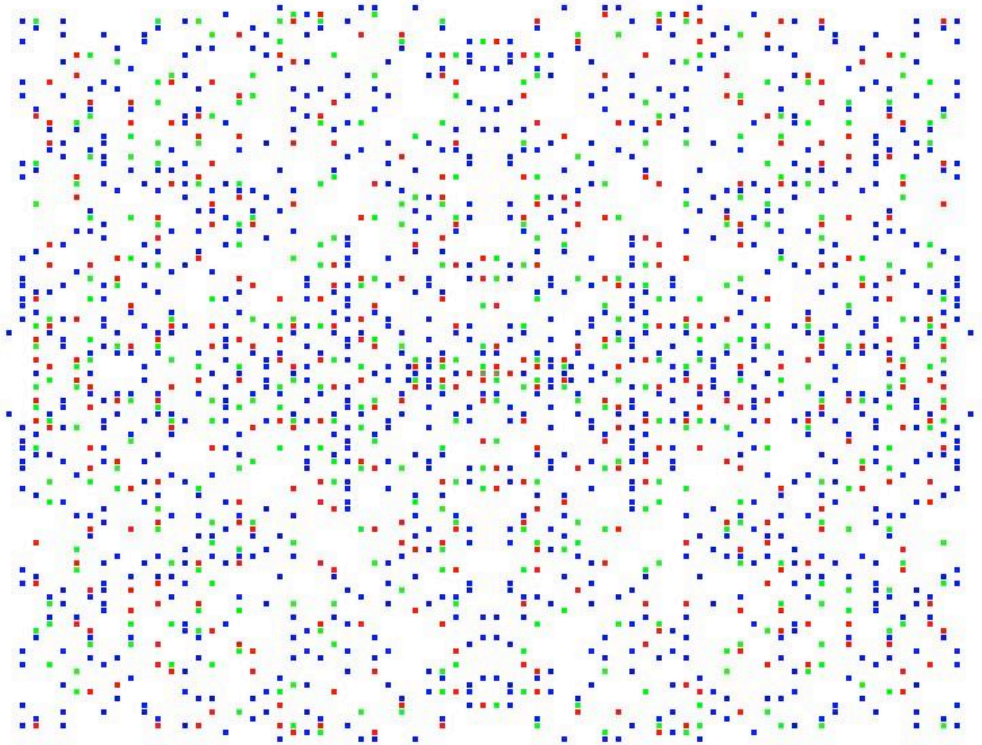
Q(√142) chi prime numbers units

0+0+0-0+0+0-0+0-0-0+0+0+0+0+0-0+0-0-0+0-0+0-0+0+0-0+0+0+0-0+0+0-0-0+000+0+0-0-0+0+0+0-0+0+0+0-0-0-0-0-0-0



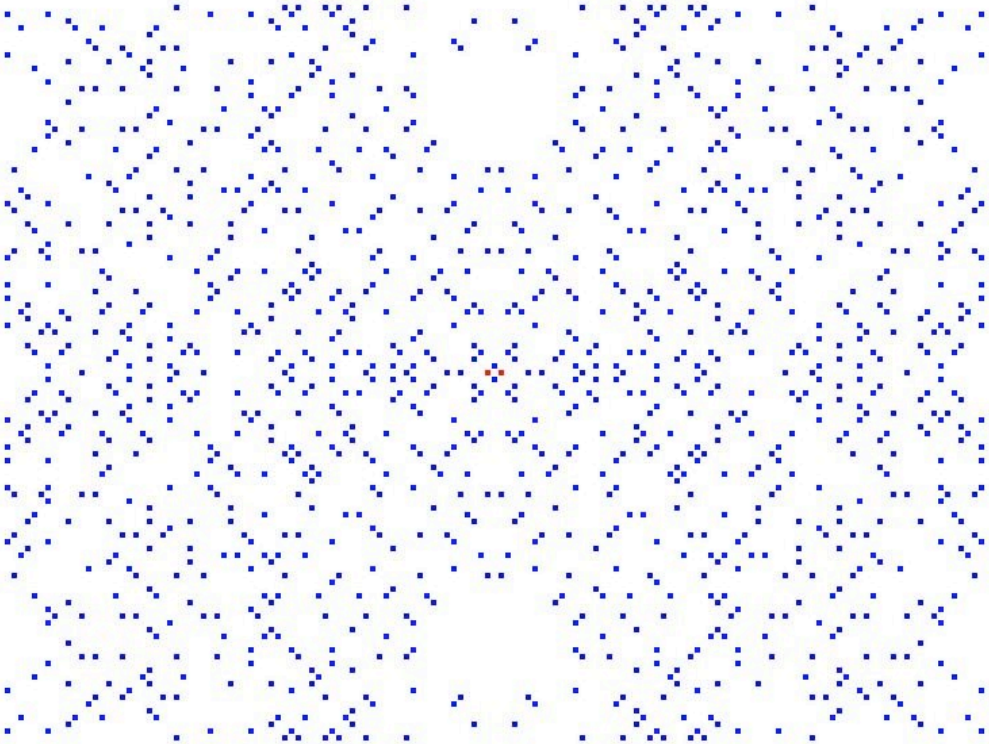
Q(√142) chi prime numbers units prime ideals by norm 3 shift 1

0+0+0-0+0+0-0+0-0-0+0+0+0+0+0-0+0-0-0+0-0+0-0+0+0-0+0+0+0-0+0+0-0-0+000+0+0-0-0+0+0+0-0+0+0+0-0-0-0-0-0-0



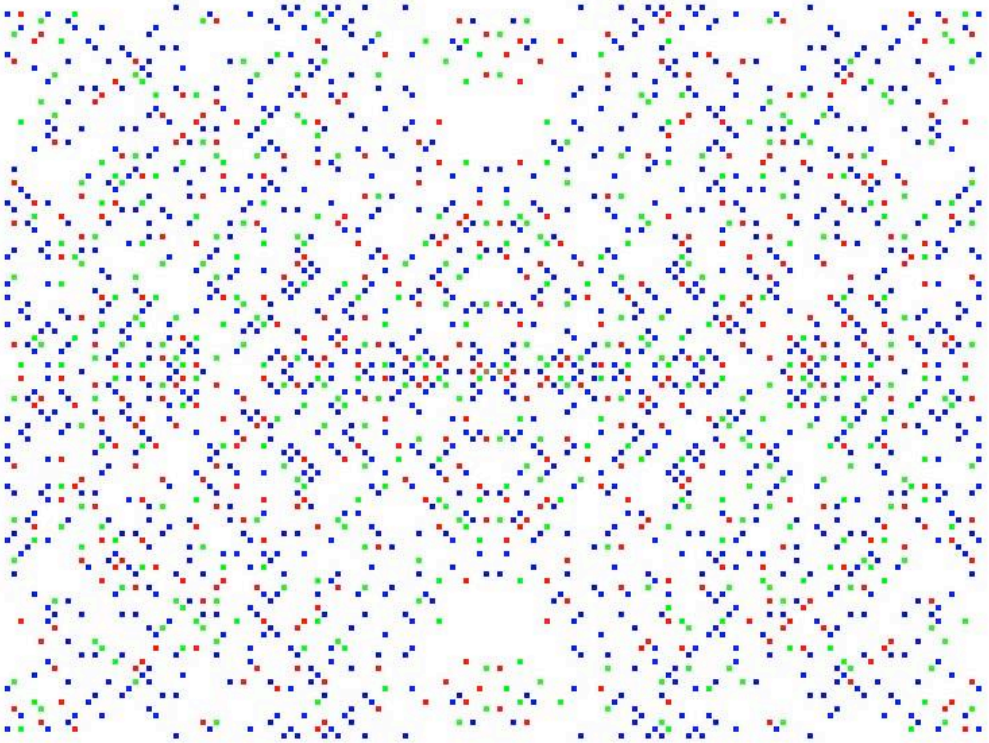
Q(√223) chi prime numbers units

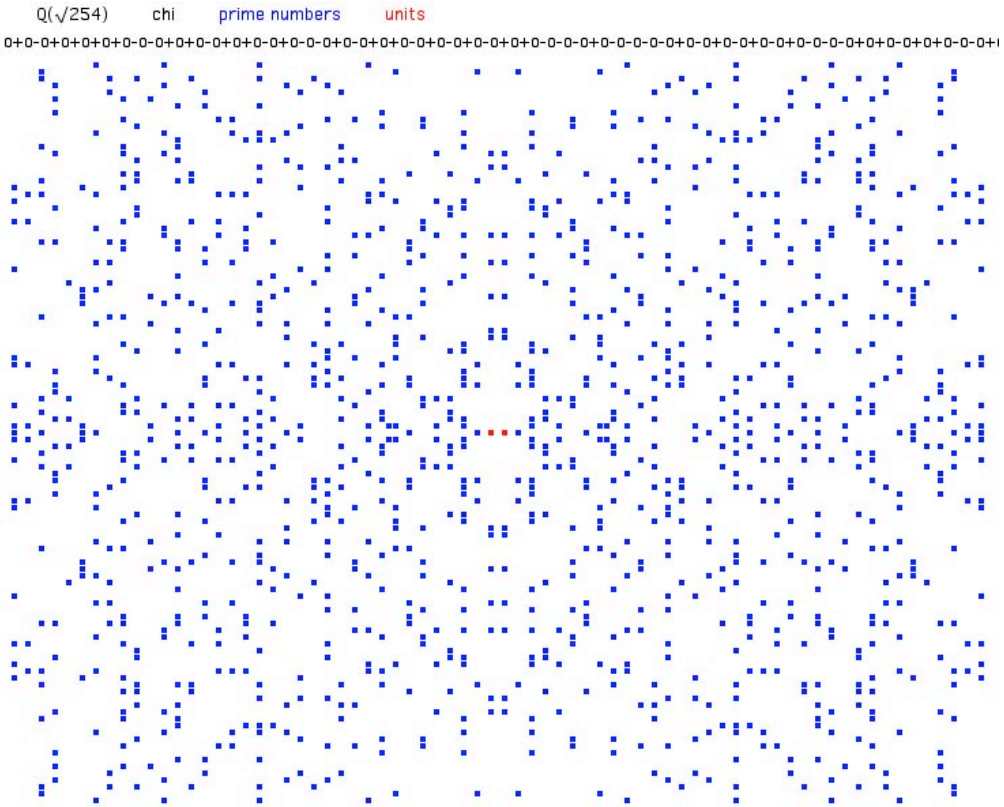
0+0+0-0-0+0+0-0-0+0-0-0+0+0+0+0-0+0+0+0-0+0-0-0-0+0+0+0-0-0+0+0+0-0-0+0+0+0+0+0+0-0+0+0-0-0+0+0+0-0+0-0+0+0+0+

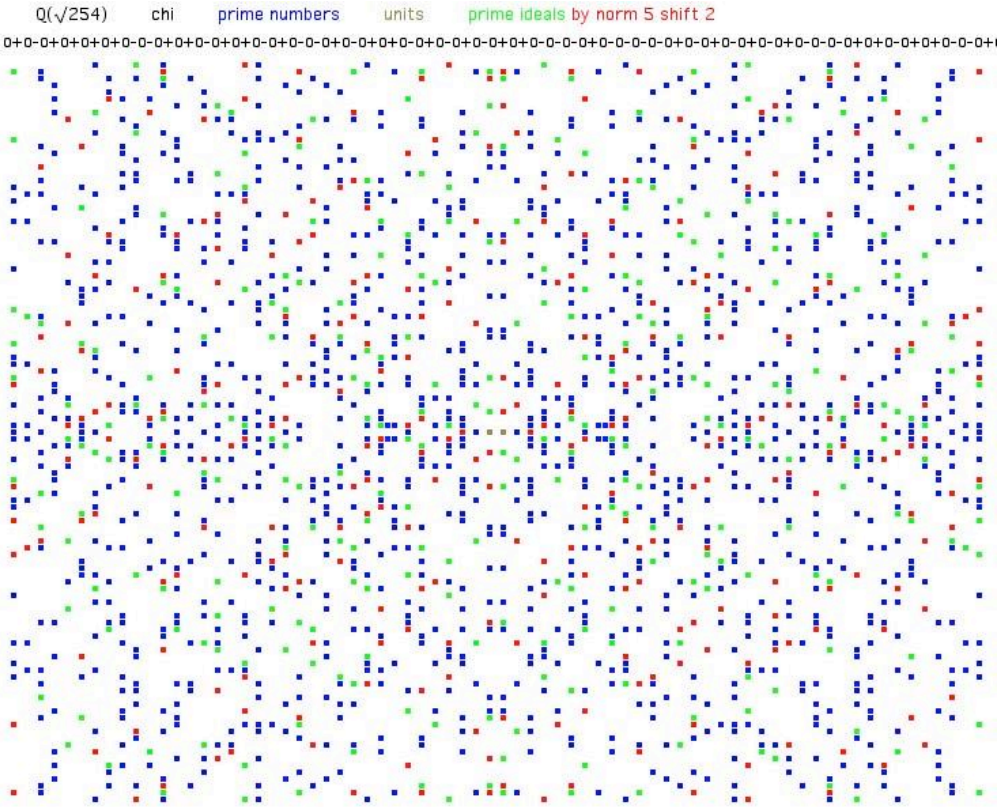


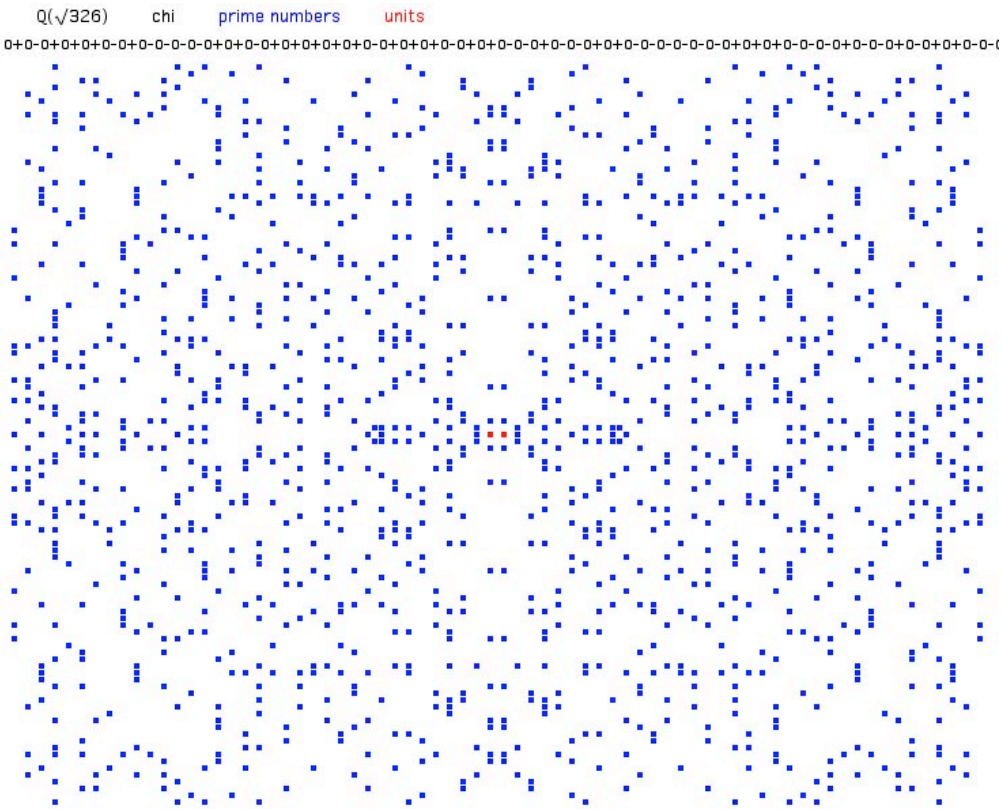
Q(√223) chi prime numbers units prime ideals by norm 3 shift 1

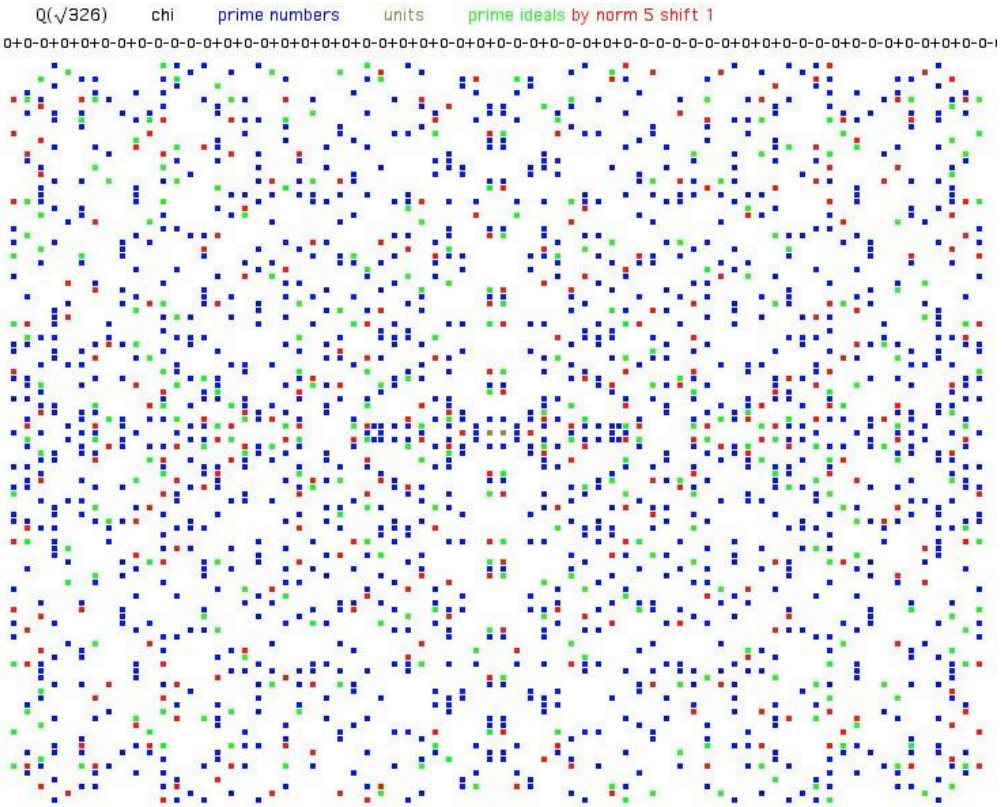
0+0+0-0-0+0+0-0-0+0-0-0+0+0+0+0-0+0+0+0-0+0-0-0-0+0+0+0-0-0+0+0+0-0-0+0+0+0+0+0+0-0+0+0-0-0+0+0+0-0+0-0+0+0+0+

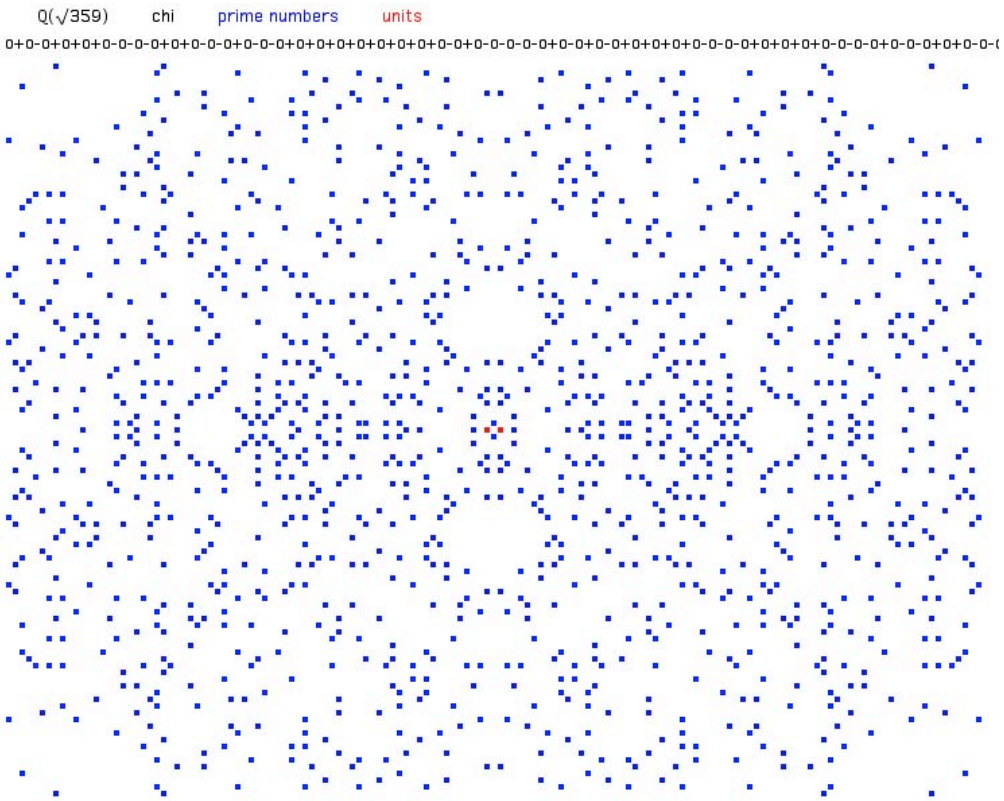


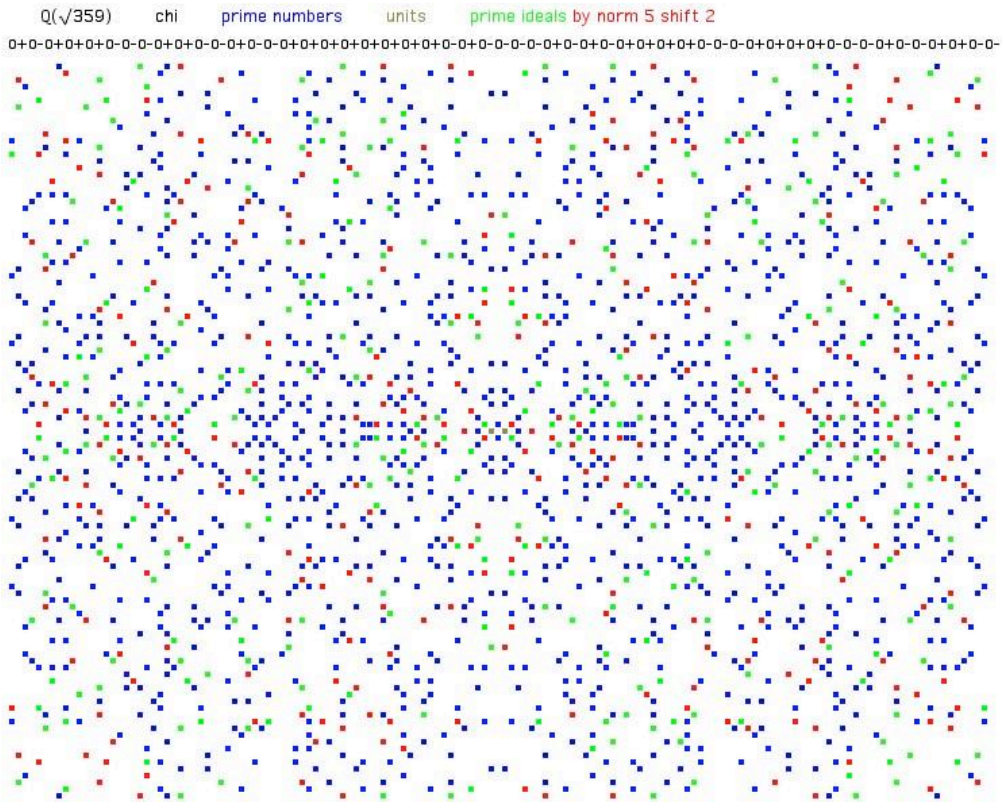

Q(√254)
chi
prime numbers
units


Q(√254)
chi
prime numbers
units
prime ideals by norm 5 shift 2


Q(√326)
chi
prime numbers
units


Q(√326)
chi
prime numbers
units
prime ideals by norm 5 shift 1





End of Pictures for some real fields of class number 3 and d ≡ 0 mod 4.