



```

      (0 0 0 0 0 0 0 0 0 0 0 1 -1 -1 1 0 0 0 0 0 0 -1 1 -1 1 0 0 0 0),
      (0 0 0 0 0 0 0 0 0 0 0 1 -1 -1 1 0 0 0 0 0 0 -1 1 -1 1 0 0 0 0)
]
-----Modular-form-----
q - q^2 - q^4 + 2*q^5 - 4*q^7 + 3*q^8 - 2*q^10 - 4*q^11 + 0(q^12)
-----Vectors-and-action-of-Matrix-----
[
  (0 0 0 0 0 0 0 0 0 0 0 1 -1 -1 1 0 0 0 0 0 0 1 -1 1 -1 0 0 0 0),
  (0 0 0 0 0 0 0 0 0 0 0 1 -1 -1 1 0 0 0 0 0 0 1 -1 1 -1 0 0 0 0)
]
[
  (0 0 0 0 0 0 1 -1 -1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -1 1 1 -1),
  (0 0 0 0 0 0 -1 1 1 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 -1 -1 1)
]
-----Modular-form-----
q + 2*q^2 + 2*q^4 + 2*q^5 - q^7 + 4*q^10 + 5*q^11 + 0(q^12)
-----Vectors-and-action-of-Matrix-----
-----Modular-form-----
q - 2*q^4 - q^7 - 3*q^11 + 0(q^12)
-----Vectors-and-action-of-Matrix-----
-----Modular-form-----
q + a*q^2 + (a^2 - 2)*q^4 + (a^2 - 5)*q^5 + (-2*a^2 - 2*a + 4)*q^7 +
(-3*a^2 -
  3*a + 5)*q^8 + (-3*a^2 - 4*a + 5)*q^10 + (-2*a^2 - 4*a + 2)*q^11
+ 0(q^12)
-----
Field of definition is not Q.
-----Modular-form-----
q + a*q^2 + (a^2 - 2)*q^4 + (-a^3 + 5*a)*q^5 + 2*q^7 + (a^3 -
4*a)*q^8 + (-a^2 +
  3)*q^10 + 0(q^12)
-----
Field of definition is not Q.
-----Modular-form-----
q + a*q^2 + (a^2 - 2)*q^4 + (-a^3 + 2*a^2 + 3*a - 4)*q^5 + (-2*a^3 +
2*a^2 + 8*a
  - 2)*q^7 + (a^3 - 4*a)*q^8 + (2*a^3 - 3*a^2 - 6*a + 5)*q^10 +
(-2*a^2 +
  6)*q^11 + 0(q^12)
-----
Field of definition is not Q.
-----

```