

-----  
Q-Fano No. 1  
qW(X)=4  
INDICES=[3]  
BASKET=[[3, 1]]  
A<sup>3</sup>=2/3  
dim |1A|=2  
dim |2A|=6  
dim |3A|=13  
dim |4A|=23  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 2  
qW(X)=4  
INDICES=[5]  
BASKET=[[5, 2]]  
A<sup>3</sup>=4/5  
dim |1A|=2  
dim |2A|=7  
dim |3A|=15  
dim |4A|=27  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 3  
qW(X)=4  
INDICES=[7]  
BASKET=[[7, 2]]  
A<sup>3</sup>=3/7  
dim |1A|=1  
dim |2A|=4  
dim |3A|=8  
dim |4A|=15  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 4  
qW(X)=4  
INDICES=[7]  
BASKET=[[7, 3]]  
A<sup>3</sup>=5/7  
dim |1A|=2  
dim |2A|=6  
dim |3A|=13  
dim |4A|=24  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 5  
qW(X)=4  
INDICES=[9]  
BASKET=[[9, 2]]  
A<sup>3</sup>=5/9  
dim |1A|=1  
dim |2A|=5

dim |3A|=10  
dim |4A|=19  
Kawamata-Bogomolov stable

---

Q-Fano No. 6  
qW(X)=4  
INDICES=[11]  
BASKET=[[11, 2]]  
A<sup>3</sup>=2/11  
dim |1A|=0  
dim |2A|=2  
dim |3A|=3  
dim |4A|=7

Kawamata-Bogomolov stable

---

Q-Fano No. 7  
qW(X)=4  
INDICES=[11]  
BASKET=[[11, 3]]  
A<sup>3</sup>=10/11  
dim |1A|=2  
dim |2A|=7  
dim |3A|=16  
dim |4A|=30

Kawamata-Bogomolov unstable

---

Q-Fano No. 8  
qW(X)=4  
INDICES=[11]  
BASKET=[[11, 4]]  
A<sup>3</sup>=8/11  
dim |1A|=2  
dim |2A|=6  
dim |3A|=13  
dim |4A|=24

Kawamata-Bogomolov unstable

---

Q-Fano No. 9  
qW(X)=4  
INDICES=[13]  
BASKET=[[13, 2]]  
A<sup>3</sup>=4/13  
dim |1A|=0  
dim |2A|=3  
dim |3A|=5  
dim |4A|=11

Kawamata-Bogomolov stable

---

Q-Fano No. 10  
qW(X)=4  
INDICES=[13]  
BASKET=[[13, 6]]

$A^3=10/13$   
dim |1A|=1  
dim |2A|=6  
dim |3A|=14  
dim |4A|=25  
Kawamata-Bogomolov unstable

---

Q-Fano No. 11  
qW(X)=4  
INDICES=[17]  
BASKET=[[17, 2]]  
 $A^3=1/17$   
dim |1A|=-1  
dim |2A|=1  
dim |3A|=0  
dim |4A|=3  
Kawamata-Bogomolov stable

---

Q-Fano No. 12  
qW(X)=4  
INDICES=[17]  
BASKET=[[17, 6]]  
 $A^3=9/17$   
dim |1A|=0  
dim |2A|=4  
dim |3A|=9  
dim |4A|=17  
Kawamata-Bogomolov unstable

---

Q-Fano No. 13  
qW(X)=4  
INDICES=[3, 3]  
BASKET=[[3, 1], [3, 1]]  
 $A^3=1/3$   
dim |1A|=1  
dim |2A|=3  
dim |3A|=7  
dim |4A|=12  
Kawamata-Bogomolov stable

---

Q-Fano No. 14  
qW(X)=4  
INDICES=[3, 5]  
BASKET=[[3, 1], [5, 1]]  
 $A^3=13/15$   
dim |1A|=2  
dim |2A|=7  
dim |3A|=16  
dim |4A|=29  
Kawamata-Bogomolov unstable

---

Q-Fano No. 15

qW(X)=4  
INDICES=[3, 5]  
BASKET=[[3, 1], [5, 2]]  
A<sup>3</sup>=7/15  
dim |1A|=1  
dim |2A|=4  
dim |3A|=9  
dim |4A|=16  
Kawamata-Bogomolov stable

---

Q-Fano No. 16  
qW(X)=4  
INDICES=[3, 7]  
BASKET=[[3, 1], [7, 2]]  
A<sup>3</sup>=2/21  
dim |1A|=0  
dim |2A|=1  
dim |3A|=2  
dim |4A|=4  
Kawamata-Bogomolov stable

---

Q-Fano No. 17  
qW(X)=4  
INDICES=[3, 7]  
BASKET=[[3, 1], [7, 3]]  
A<sup>3</sup>=8/21  
dim |1A|=1  
dim |2A|=3  
dim |3A|=7  
dim |4A|=13  
Kawamata-Bogomolov stable

---

Q-Fano No. 18  
qW(X)=4  
INDICES=[3, 9]  
BASKET=[[3, 1], [9, 2]]  
A<sup>3</sup>=2/9  
dim |1A|=0  
dim |2A|=2  
dim |3A|=4  
dim |4A|=8  
Kawamata-Bogomolov stable

---

Q-Fano No. 19  
qW(X)=4  
INDICES=[3, 9]  
BASKET=[[3, 1], [9, 4]]  
A<sup>3</sup>=8/9  
dim |1A|=2  
dim |2A|=7  
dim |3A|=16  
dim |4A|=29

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 20

$qW(X)=4$

INDICES=[3, 11]

BASKET=[[3, 1], [11, 3]]

$A^3=19/33$

dim |1A|=1

dim |2A|=4

dim |3A|=10

dim |4A|=19

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 21

$qW(X)=4$

INDICES=[3, 11]

BASKET=[[3, 1], [11, 4]]

$A^3=13/33$

dim |1A|=1

dim |2A|=3

dim |3A|=7

dim |4A|=13

Kawamata-Bogomolov stable

-----  
Q-Fano No. 22

$qW(X)=4$

INDICES=[3, 13]

BASKET=[[3, 1], [13, 5]]

$A^3=23/39$

dim |1A|=1

dim |2A|=4

dim |3A|=10

dim |4A|=19

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 23

$qW(X)=4$

INDICES=[3, 13]

BASKET=[[3, 1], [13, 6]]

$A^3=17/39$

dim |1A|=0

dim |2A|=3

dim |3A|=8

dim |4A|=14

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 24

$qW(X)=4$

INDICES=[3, 15]

BASKET=[[3, 1], [15, 4]]

$A^3=2/5$

dim |1A|=1

dim |2A|=3  
dim |3A|=7  
dim |4A|=13  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 25  
qW(X)=4  
INDICES=[3, 17]  
BASKET=[[3, 1], [17, 6]]  
A<sup>3</sup>=10/51  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=3  
dim |4A|=6  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 26  
qW(X)=4  
INDICES=[5, 5]  
BASKET=[[5, 2], [5, 2]]  
A<sup>3</sup>=3/5  
dim |1A|=1  
dim |2A|=5  
dim |3A|=11  
dim |4A|=20  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 27  
qW(X)=4  
INDICES=[5, 7]  
BASKET=[[5, 1], [7, 1]]  
A<sup>3</sup>=2/35  
dim |1A|=0  
dim |2A|=0  
dim |3A|=1  
dim |4A|=3  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 28  
qW(X)=4  
INDICES=[5, 7]  
BASKET=[[5, 1], [7, 2]]  
A<sup>3</sup>=22/35  
dim |1A|=1  
dim |2A|=5  
dim |3A|=11  
dim |4A|=21  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 29  
qW(X)=4  
INDICES=[5, 7]

BASKET=[[5, 1], [7, 3]]

$A^3=32/35$

dim |1A|=2

dim |2A|=7

dim |3A|=16

dim |4A|=30

Kawamata-Bogomolov unstable

---

Q-Fano No. 30

qW(X)=4

INDICES=[5, 7]

BASKET=[[5, 2], [7, 2]]

$A^3=8/35$

dim |1A|=0

dim |2A|=2

dim |3A|=4

dim |4A|=8

Kawamata-Bogomolov stable

---

Q-Fano No. 31

qW(X)=4

INDICES=[5, 7]

BASKET=[[5, 2], [7, 3]]

$A^3=18/35$

dim |1A|=1

dim |2A|=4

dim |3A|=9

dim |4A|=17

Kawamata-Bogomolov stable

---

Q-Fano No. 32

qW(X)=4

INDICES=[5, 9]

BASKET=[[5, 1], [9, 2]]

$A^3=34/45$

dim |1A|=1

dim |2A|=6

dim |3A|=13

dim |4A|=25

Kawamata-Bogomolov unstable

---

Q-Fano No. 33

qW(X)=4

INDICES=[5, 9]

BASKET=[[5, 2], [9, 2]]

$A^3=16/45$

dim |1A|=0

dim |2A|=3

dim |3A|=6

dim |4A|=12

Kawamata-Bogomolov stable

---

Q-Fano No. 34  
qW(X)=4  
INDICES=[5, 11]  
BASKET=[[5, 1], [11, 2]]  
A<sup>3</sup>=21/55  
dim |1A|=0  
dim |2A|=3  
dim |3A|=6  
dim |4A|=13  
Kawamata-Bogomolov stable

---

Q-Fano No. 35  
qW(X)=4  
INDICES=[5, 11]  
BASKET=[[5, 2], [11, 4]]  
A<sup>3</sup>=29/55  
dim |1A|=1  
dim |2A|=4  
dim |3A|=9  
dim |4A|=17  
Kawamata-Bogomolov unstable

---

Q-Fano No. 36  
qW(X)=4  
INDICES=[5, 13]  
BASKET=[[5, 2], [13, 2]]  
A<sup>3</sup>=7/65  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=1  
dim |4A|=4  
Kawamata-Bogomolov stable

---

Q-Fano No. 37  
qW(X)=4  
INDICES=[5, 15]  
BASKET=[[5, 1], [15, 2]]  
A<sup>3</sup>=2/15  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=1  
dim |4A|=5  
Kawamata-Bogomolov stable

---

Q-Fano No. 38  
qW(X)=4  
INDICES=[5, 15]  
BASKET=[[5, 1], [15, 7]]  
A<sup>3</sup>=2/15  
dim |1A|=0  
dim |2A|=0  
dim |3A|=1



dim |4A|=4  
Kawamata-Bogomolov stable

---

Q-Fano No. 39  
qW(X)=4  
INDICES=[7, 7]  
BASKET=[[7, 2], [7, 3]]  
A<sup>3</sup>=1/7  
dim |1A|=0  
dim |2A|=1  
dim |3A|=2  
dim |4A|=5

Kawamata-Bogomolov stable

---

Q-Fano No. 40  
qW(X)=4  
INDICES=[7, 7]  
BASKET=[[7, 3], [7, 3]]  
A<sup>3</sup>=3/7  
dim |1A|=1  
dim |2A|=3  
dim |3A|=7  
dim |4A|=14

Kawamata-Bogomolov stable

---

Q-Fano No. 41  
qW(X)=4  
INDICES=[7, 9]  
BASKET=[[7, 1], [9, 4]]  
A<sup>3</sup>=5/63  
dim |1A|=0  
dim |2A|=0  
dim |3A|=1  
dim |4A|=3

Kawamata-Bogomolov stable

---

Q-Fano No. 42  
qW(X)=4  
INDICES=[7, 9]  
BASKET=[[7, 3], [9, 2]]  
A<sup>3</sup>=17/63  
dim |1A|=0  
dim |2A|=2  
dim |3A|=4  
dim |4A|=9

Kawamata-Bogomolov stable

---

Q-Fano No. 43  
qW(X)=4  
INDICES=[7, 11]  
BASKET=[[7, 2], [11, 3]]  
A<sup>3</sup>=26/77

```

dim |1A|=0
dim |2A|=2
dim |3A|=5
dim |4A|=11
Kawamata-Bogomolov unstable
-----
Q-Fano No. 44
qW(X)=4
INDICES=[7, 11]
BASKET=[[7, 2], [11, 4]]
A^3=12/77
dim |1A|=0
dim |2A|=1
dim |3A|=2
dim |4A|=5
Kawamata-Bogomolov stable
-----
Q-Fano No. 45
qW(X)=4
INDICES=[7, 11]
BASKET=[[7, 3], [11, 4]]
A^3=34/77
dim |1A|=1
dim |2A|=3
dim |3A|=7
dim |4A|=14
Kawamata-Bogomolov unstable
-----
Q-Fano No. 46
qW(X)=4
INDICES=[7, 13]
BASKET=[[7, 1], [13, 4]]
A^3=8/91
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=3
Kawamata-Bogomolov stable
-----
Q-Fano No. 47
qW(X)=4
INDICES=[7, 13]
BASKET=[[7, 2], [13, 6]]
A^3=18/91
dim |1A|=-1
dim |2A|=1
dim |3A|=3
dim |4A|=6
Kawamata-Bogomolov stable
-----
Q-Fano No. 48
qW(X)=4

```

INDICES=[7, 13]  
BASKET=[[7, 3], [13, 2]]  
A<sup>3</sup>=2/91  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=-1  
dim |4A|=1  
Kawamata-Bogomolov stable

---

Q-Fano No. 49  
qW(X)=4  
INDICES=[7, 15]  
BASKET=[[7, 2], [15, 4]]  
A<sup>3</sup>=17/105  
dim |1A|=0  
dim |2A|=1  
dim |3A|=2  
dim |4A|=5  
Kawamata-Bogomolov unstable

---

Q-Fano No. 50  
qW(X)=4  
INDICES=[9, 9]  
BASKET=[[9, 2], [9, 2]]  
A<sup>3</sup>=1/9  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=1  
dim |4A|=4  
Kawamata-Bogomolov stable

---

Q-Fano No. 51  
qW(X)=4  
INDICES=[9, 11]  
BASKET=[[9, 2], [11, 4]]  
A<sup>3</sup>=28/99  
dim |1A|=0  
dim |2A|=2  
dim |3A|=4  
dim |4A|=9  
Kawamata-Bogomolov unstable

---

Q-Fano No. 52  
qW(X)=4  
INDICES=[11, 11]  
BASKET=[[11, 2], [11, 3]]  
A<sup>3</sup>=1/11  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=0  
dim |4A|=3  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 53  
qW(X)=4  
INDICES=[3, 3, 5]  
BASKET=[[3, 1], [3, 1], [5, 1]]  
A<sup>3</sup>=8/15  
dim |1A|=1  
dim |2A|=4  
dim |3A|=10  
dim |4A|=18  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 54  
qW(X)=4  
INDICES=[3, 3, 5]  
BASKET=[[3, 1], [3, 1], [5, 2]]  
A<sup>3</sup>=2/15  
dim |1A|=0  
dim |2A|=1  
dim |3A|=3  
dim |4A|=5  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 55  
qW(X)=4  
INDICES=[3, 3, 7]  
BASKET=[[3, 1], [3, 1], [7, 3]]  
A<sup>3</sup>=1/21  
dim |1A|=0  
dim |2A|=0  
dim |3A|=1  
dim |4A|=2  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 56  
qW(X)=4  
INDICES=[3, 3, 9]  
BASKET=[[3, 1], [3, 1], [9, 4]]  
A<sup>3</sup>=5/9  
dim |1A|=1  
dim |2A|=4  
dim |3A|=10  
dim |4A|=18  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 57  
qW(X)=4  
INDICES=[3, 3, 11]  
BASKET=[[3, 1], [3, 1], [11, 3]]  
A<sup>3</sup>=8/33  
dim |1A|=0  
dim |2A|=1

```

dim |3A|=4
dim |4A|=8
Kawamata-Bogomolov stable
-----
Q-Fano No. 58
qW(X)=4
INDICES=[3, 3, 11]
BASKET=[[3, 1], [3, 1], [11, 4]]
A^3=2/33
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=2
Kawamata-Bogomolov stable
-----
Q-Fano No. 59
qW(X)=4
INDICES=[3, 3, 13]
BASKET=[[3, 1], [3, 1], [13, 5]]
A^3=10/39
dim |1A|=0
dim |2A|=1
dim |3A|=4
dim |4A|=8
Kawamata-Bogomolov stable
-----
Q-Fano No. 60
qW(X)=4
INDICES=[3, 3, 13]
BASKET=[[3, 1], [3, 1], [13, 6]]
A^3=4/39
dim |1A|=-1
dim |2A|=0
dim |3A|=2
dim |4A|=3
Kawamata-Bogomolov stable
-----
Q-Fano No. 61
qW(X)=4
INDICES=[3, 3, 15]
BASKET=[[3, 1], [3, 1], [15, 4]]
A^3=1/15
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=2
Kawamata-Bogomolov stable
-----
Q-Fano No. 62
qW(X)=4
INDICES=[3, 5, 5]
BASKET=[[3, 1], [5, 1], [5, 2]]

```

```

A^3=2/3
dim |1A|=1
dim |2A|=5
dim |3A|=12
dim |4A|=22
Kawamata-Bogomolov unstable
-----
Q-Fano No. 63
qW(X)=4
INDICES=[3, 5, 5]
BASKET=[[3, 1], [5, 2], [5, 2]]
A^3=4/15
dim |1A|=0
dim |2A|=2
dim |3A|=5
dim |4A|=9
Kawamata-Bogomolov stable
-----
Q-Fano No. 64
qW(X)=4
INDICES=[3, 5, 7]
BASKET=[[3, 1], [5, 1], [7, 2]]
A^3=31/105
dim |1A|=0
dim |2A|=2
dim |3A|=5
dim |4A|=10
Kawamata-Bogomolov stable
-----
Q-Fano No. 65
qW(X)=4
INDICES=[3, 5, 7]
BASKET=[[3, 1], [5, 1], [7, 3]]
A^3=61/105
dim |1A|=1
dim |2A|=4
dim |3A|=10
dim |4A|=19
Kawamata-Bogomolov unstable
-----
Q-Fano No. 66
qW(X)=4
INDICES=[3, 5, 7]
BASKET=[[3, 1], [5, 2], [7, 3]]
A^3=19/105
dim |1A|=0
dim |2A|=1
dim |3A|=3
dim |4A|=6
Kawamata-Bogomolov stable
-----
Q-Fano No. 67

```

$qW(X)=4$   
 INDICES=[3, 5, 9]  
 BASKET=[[3, 1], [5, 1], [9, 2]]  
 $A^3=19/45$   
 dim |1A|=0  
 dim |2A|=3  
 dim |3A|=7  
 dim |4A|=14  
 Kawamata-Bogomolov unstable

---

Q-Fano No. 68  
 $qW(X)=4$   
 INDICES=[3, 5, 9]  
 BASKET=[[3, 1], [5, 2], [9, 2]]  
 $A^3=1/45$   
 dim |1A|=-1  
 dim |2A|=0  
 dim |3A|=0  
 dim |4A|=1  
 Kawamata-Bogomolov stable

---

Q-Fano No. 69  
 $qW(X)=4$   
 INDICES=[3, 5, 11]  
 BASKET=[[3, 1], [5, 1], [11, 2]]  
 $A^3=8/165$   
 dim |1A|=-1  
 dim |2A|=0  
 dim |3A|=0  
 dim |4A|=2  
 Kawamata-Bogomolov stable

---

Q-Fano No. 70  
 $qW(X)=4$   
 INDICES=[3, 5, 11]  
 BASKET=[[3, 1], [5, 2], [11, 3]]  
 $A^3=62/165$   
 dim |1A|=0  
 dim |2A|=2  
 dim |3A|=6  
 dim |4A|=12  
 Kawamata-Bogomolov unstable

---

Q-Fano No. 71  
 $qW(X)=4$   
 INDICES=[3, 5, 11]  
 BASKET=[[3, 1], [5, 2], [11, 4]]  
 $A^3=32/165$   
 dim |1A|=0  
 dim |2A|=1  
 dim |3A|=3  
 dim |4A|=6

Kawamata-Bogomolov stable

-----  
Q-Fano No. 72

qW(X)=4

INDICES=[3, 5, 13]

BASKET=[[3, 1], [5, 1], [13, 2]]

A<sup>3</sup>=34/195

dim |1A|=-1

dim |2A|=1

dim |3A|=2

dim |4A|=6

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 73

qW(X)=4

INDICES=[3, 5, 13]

BASKET=[[3, 1], [5, 2], [13, 6]]

A<sup>3</sup>=46/195

dim |1A|=-1

dim |2A|=1

dim |3A|=4

dim |4A|=7

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 74

qW(X)=4

INDICES=[3, 7, 7]

BASKET=[[3, 1], [7, 3], [7, 3]]

A<sup>3</sup>=2/21

dim |1A|=0

dim |2A|=0

dim |3A|=1

dim |4A|=3

Kawamata-Bogomolov stable

-----  
Q-Fano No. 75

qW(X)=4

INDICES=[3, 7, 9]

BASKET=[[3, 1], [7, 1], [9, 1]]

A<sup>3</sup>=26/63

dim |1A|=0

dim |2A|=2

dim |3A|=7

dim |4A|=14

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 76

qW(X)=4

INDICES=[3, 7, 9]

BASKET=[[3, 1], [7, 2], [9, 4]]

A<sup>3</sup>=20/63

dim |1A|=0



```

dim |2A|=2
dim |3A|=5
dim |4A|=10
Kawamata-Bogomolov unstable
-----
Q-Fano No. 77
qW(X)=4
INDICES=[3, 7, 11]
BASKET=[[3, 1], [7, 2], [11, 3]]
A^3=1/231
dim |1A|=-1
dim |2A|=-1
dim |3A|=-1
dim |4A|=0
Kawamata-Bogomolov stable
-----
Q-Fano No. 78
qW(X)=4
INDICES=[3, 7, 11]
BASKET=[[3, 1], [7, 3], [11, 4]]
A^3=25/231
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=3
Kawamata-Bogomolov stable
-----
Q-Fano No. 79
qW(X)=4
INDICES=[3, 7, 13]
BASKET=[[3, 1], [7, 2], [13, 5]]
A^3=5/273
dim |1A|=-1
dim |2A|=-1
dim |3A|=-1
dim |4A|=0
Kawamata-Bogomolov stable
-----
Q-Fano No. 80
qW(X)=4
INDICES=[3, 9, 11]
BASKET=[[3, 1], [9, 4], [11, 2]]
A^3=7/99
dim |1A|=-1
dim |2A|=0
dim |3A|=0
dim |4A|=2
Kawamata-Bogomolov stable
-----
Q-Fano No. 81
qW(X)=4
INDICES=[5, 5, 5]

```

BASKET=[[5, 2], [5, 2], [5, 2]]  
A<sup>3</sup>=2/5  
dim |1A|=0  
dim |2A|=3  
dim |3A|=7  
dim |4A|=13

Kawamata-Bogomolov stable

---

Q-Fano No. 82  
qW(X)=4  
INDICES=[5, 5, 7]  
BASKET=[[5, 1], [5, 1], [7, 1]]  
A<sup>3</sup>=9/35  
dim |1A|=0  
dim |2A|=1  
dim |3A|=4  
dim |4A|=9

Kawamata-Bogomolov stable

---

Q-Fano No. 83  
qW(X)=4  
INDICES=[5, 5, 7]  
BASKET=[[5, 1], [5, 2], [7, 2]]  
A<sup>3</sup>=3/7  
dim |1A|=0  
dim |2A|=3  
dim |3A|=7  
dim |4A|=14

Kawamata-Bogomolov unstable

---

Q-Fano No. 84  
qW(X)=4  
INDICES=[5, 5, 7]  
BASKET=[[5, 2], [5, 2], [7, 2]]  
A<sup>3</sup>=1/35  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=0  
dim |4A|=1

Kawamata-Bogomolov stable

---

Q-Fano No. 85  
qW(X)=4  
INDICES=[5, 5, 7]  
BASKET=[[5, 2], [5, 2], [7, 3]]  
A<sup>3</sup>=11/35  
dim |1A|=0  
dim |2A|=2  
dim |3A|=5  
dim |4A|=10

Kawamata-Bogomolov stable

---

Q-Fano No. 86  
qW(X)=4  
INDICES=[5, 5, 9]  
BASKET=[[5, 2], [5, 2], [9, 2]]  
A<sup>3</sup>=7/45  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=2  
dim |4A|=5  
Kawamata-Bogomolov stable

---

Q-Fano No. 87  
qW(X)=4  
INDICES=[5, 5, 11]  
BASKET=[[5, 1], [5, 1], [11, 5]]  
A<sup>3</sup>=2/55  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=0  
dim |4A|=1  
Kawamata-Bogomolov stable

---

Q-Fano No. 88  
qW(X)=4  
INDICES=[5, 5, 11]  
BASKET=[[5, 1], [5, 2], [11, 2]]  
A<sup>3</sup>=2/11  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=2  
dim |4A|=6  
Kawamata-Bogomolov unstable

---

Q-Fano No. 89  
qW(X)=4  
INDICES=[5, 5, 13]  
BASKET=[[5, 1], [5, 1], [13, 3]]  
A<sup>3</sup>=6/65  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=1  
dim |4A|=3  
Kawamata-Bogomolov unstable

---

Q-Fano No. 90  
qW(X)=4  
INDICES=[5, 7, 7]  
BASKET=[[5, 1], [7, 2], [7, 2]]  
A<sup>3</sup>=2/35  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=0

dim |4A|=2  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 91  
qW(X)=4  
INDICES=[5, 7, 7]  
BASKET=[[5, 1], [7, 2], [7, 3]]  
A^3=12/35  
dim |1A|=0  
dim |2A|=2  
dim |3A|=5  
dim |4A|=11

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 92  
qW(X)=4  
INDICES=[5, 7, 7]  
BASKET=[[5, 2], [7, 3], [7, 3]]  
A^3=8/35  
dim |1A|=0  
dim |2A|=1  
dim |3A|=3  
dim |4A|=7

Kawamata-Bogomolov stable

-----  
Q-Fano No. 93  
qW(X)=4  
INDICES=[5, 7, 9]  
BASKET=[[5, 1], [7, 2], [9, 2]]  
A^3=58/315  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=2  
dim |4A|=6

Kawamata-Bogomolov unstable

-----  
Q-Fano No. 94  
qW(X)=4  
INDICES=[5, 7, 9]  
BASKET=[[5, 2], [7, 3], [9, 2]]  
A^3=22/315  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=0  
dim |4A|=2

Kawamata-Bogomolov stable

-----  
Q-Fano No. 95  
qW(X)=4  
INDICES=[5, 7, 11]  
BASKET=[[5, 1], [7, 3], [11, 2]]  
A^3=37/385

```

dim |1A|=-1
dim |2A|=0
dim |3A|=0
dim |4A|=3
Kawamata-Bogomolov unstable
-----
Q-Fano No. 96
qW(X)=4
INDICES=[7, 7, 7]
BASKET=[[7, 3], [7, 3], [7, 3]]
A^3=1/7
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=4
Kawamata-Bogomolov stable
-----
Q-Fano No. 97
qW(X)=4
INDICES=[7, 7, 9]
BASKET=[[7, 2], [7, 2], [9, 4]]
A^3=5/63
dim |1A|=-1
dim |2A|=0
dim |3A|=0
dim |4A|=2
Kawamata-Bogomolov unstable
-----
Q-Fano No. 98
qW(X)=4
INDICES=[3, 3, 3, 5]
BASKET=[[3, 1], [3, 1], [3, 1], [5, 1]]
A^3=1/5
dim |1A|=0
dim |2A|=1
dim |3A|=4
dim |4A|=7
Kawamata-Bogomolov stable
-----
Q-Fano No. 99
qW(X)=4
INDICES=[3, 3, 3, 9]
BASKET=[[3, 1], [3, 1], [3, 1], [9, 4]]
A^3=2/9
dim |1A|=0
dim |2A|=1
dim |3A|=4
dim |4A|=7
Kawamata-Bogomolov stable
-----
Q-Fano No. 100
qW(X)=4

```

INDICES=[3, 3, 3, 13]  
BASKET=[[3, 1], [3, 1], [3, 1], [13, 4]]  
 $A^3=3/13$   
dim |1A|=0  
dim |2A|=1  
dim |3A|=4  
dim |4A|=7  
Kawamata-Bogomolov unstable

-----  
Q-Fano No. 101  
qW(X)=4  
INDICES=[3, 3, 5, 5]  
BASKET=[[3, 1], [3, 1], [5, 1], [5, 2]]  
 $A^3=1/3$   
dim |1A|=0  
dim |2A|=2  
dim |3A|=6  
dim |4A|=11  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 102  
qW(X)=4  
INDICES=[3, 3, 5, 7]  
BASKET=[[3, 1], [3, 1], [5, 1], [7, 3]]  
 $A^3=26/105$   
dim |1A|=0  
dim |2A|=1  
dim |3A|=4  
dim |4A|=8  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 103  
qW(X)=4  
INDICES=[3, 3, 5, 9]  
BASKET=[[3, 1], [3, 1], [5, 1], [9, 2]]  
 $A^3=4/45$   
dim |1A|=-1  
dim |2A|=0  
dim |3A|=1  
dim |4A|=3  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 104  
qW(X)=4  
INDICES=[3, 3, 5, 9]  
BASKET=[[3, 1], [3, 1], [5, 2], [9, 4]]  
 $A^3=16/45$   
dim |1A|=0  
dim |2A|=2  
dim |3A|=6  
dim |4A|=11  
Kawamata-Bogomolov unstable

-----  
Q-Fano No. 105  
qW(X)=4  
INDICES=[3, 3, 5, 11]  
BASKET=[[3, 1], [3, 1], [5, 2], [11, 3]]  
A<sup>3</sup>=7/165  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=0  
dim |4A|=1  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 106  
qW(X)=4  
INDICES=[3, 3, 5, 13]  
BASKET=[[3, 1], [3, 1], [5, 2], [13, 5]]  
A<sup>3</sup>=11/195  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=0  
dim |4A|=1  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 107  
qW(X)=4  
INDICES=[3, 3, 7, 9]  
BASKET=[[3, 1], [3, 1], [7, 1], [9, 1]]  
A<sup>3</sup>=5/63  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=1  
dim |4A|=3  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 108  
qW(X)=4  
INDICES=[3, 5, 5, 5]  
BASKET=[[3, 1], [5, 1], [5, 2], [5, 2]]  
A<sup>3</sup>=7/15  
dim |1A|=0  
dim |2A|=3  
dim |3A|=8  
dim |4A|=15  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 109  
qW(X)=4  
INDICES=[3, 5, 5, 5]  
BASKET=[[3, 1], [5, 2], [5, 2], [5, 2]]  
A<sup>3</sup>=1/15  
dim |1A|=-1  
dim |2A|=0

dim |3A|=1  
dim |4A|=2  
Kawamata-Bogomolov stable

-----  
Q-Fano No. 110  
qW(X)=4  
INDICES=[3, 5, 5, 7]  
BASKET=[[3, 1], [5, 1], [5, 2], [7, 2]]  
A<sup>3</sup>=2/21  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=1  
dim |4A|=3

Kawamata-Bogomolov stable

-----  
Q-Fano No. 111  
qW(X)=4  
INDICES=[3, 5, 7, 7]  
BASKET=[[3, 1], [5, 1], [7, 2], [7, 3]]  
A<sup>3</sup>=1/105  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=-1  
dim |4A|=0

Kawamata-Bogomolov stable

-----  
Q-Fano No. 112  
qW(X)=4  
INDICES=[5, 5, 5, 5]  
BASKET=[[5, 2], [5, 2], [5, 2], [5, 2]]  
A<sup>3</sup>=1/5  
dim |1A|=-1  
dim |2A|=1  
dim |3A|=3  
dim |4A|=6

Kawamata-Bogomolov stable

-----  
Q-Fano No. 113  
qW(X)=4  
INDICES=[5, 5, 5, 7]  
BASKET=[[5, 1], [5, 1], [5, 2], [7, 1]]  
A<sup>3</sup>=2/35  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=0  
dim |4A|=2

Kawamata-Bogomolov stable

-----  
Q-Fano No. 114  
qW(X)=4  
INDICES=[5, 5, 5, 7]  
BASKET=[[5, 2], [5, 2], [5, 2], [7, 3]]



```

A^3=4/35
dim |1A|=-1
dim |2A|=0
dim |3A|=1
dim |4A|=3
Kawamata-Bogomolov stable
-----
Q-Fano No. 115
qW(X)=4
INDICES=[5, 5, 7, 7]
BASKET=[[5, 2], [5, 2], [7, 3], [7, 3]]
A^3=1/35
dim |1A|=-1
dim |2A|=-1
dim |3A|=-1
dim |4A|=0
Kawamata-Bogomolov stable
-----
Q-Fano No. 116
qW(X)=4
INDICES=[3, 3, 3, 5, 5]
BASKET=[[3, 1], [3, 1], [3, 1], [5, 1], [5, 1]]
A^3=2/5
dim |1A|=0
dim |2A|=2
dim |3A|=7
dim |4A|=13
Kawamata-Bogomolov unstable
-----
Q-Fano No. 117
qW(X)=4
INDICES=[3, 3, 3, 5, 9]
BASKET=[[3, 1], [3, 1], [3, 1], [5, 2], [9, 4]]
A^3=1/45
dim |1A|=-1
dim |2A|=-1
dim |3A|=0
dim |4A|=0
Kawamata-Bogomolov stable
-----
Q-Fano No. 118
qW(X)=4
INDICES=[3, 3, 5, 5, 5]
BASKET=[[3, 1], [3, 1], [5, 1], [5, 2], [5, 2]]
A^3=2/15
dim |1A|=-1
dim |2A|=0
dim |3A|=2
dim |4A|=4
Kawamata-Bogomolov stable
-----
Q-Fano No. 119

```

qW(X)=4  
INDICES=[3, 3, 5, 5, 7]  
BASKET=[[3, 1], [3, 1], [5, 1], [5, 1], [7, 2]]  
A^3=17/105  
dim |1A|=-1  
dim |2A|=0  
dim |3A|=2  
dim |4A|=5  
Kawamata-Bogomolov unstable  
-----

Q-Fano No. 120  
qW(X)=4  
INDICES=[3, 3, 5, 5, 7]  
BASKET=[[3, 1], [3, 1], [5, 1], [5, 2], [7, 3]]  
A^3=1/21  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=0  
dim |4A|=1  
Kawamata-Bogomolov stable  
-----

Q-Fano No. 121  
qW(X)=4  
INDICES=[3, 3, 3, 3, 5, 5]  
BASKET=[[3, 1], [3, 1], [3, 1], [3, 1], [5, 1], [5, 1]]  
A^3=1/15  
dim |1A|=-1  
dim |2A|=-1  
dim |3A|=1  
dim |4A|=2  
Kawamata-Bogomolov stable  
-----

121 matching Q-Fanos found