
Q-Fano No. 1
qW(X)=7
INDICES=[2, 3]
BASKET=[[2, 1], [3, 1]]
A³=1/6
dim |1A|=1
dim |2A|=3
dim |3A|=6
dim |4A|=10
dim |5A|=15
dim |6A|=22
dim |7A|=30
Kawamata-Bogomolov stable

Q-Fano No. 2
qW(X)=7
INDICES=[2, 2, 8]
BASKET=[[2, 1], [2, 1], [8, 3]]
A³=1/8
dim |1A|=0
dim |2A|=2
dim |3A|=4
dim |4A|=7
dim |5A|=11
dim |6A|=16
dim |7A|=22
Kawamata-Bogomolov unstable

Q-Fano No. 3
qW(X)=7
INDICES=[2, 3, 13]
BASKET=[[2, 1], [3, 1], [13, 6]]
A³=1/78
dim |1A|=0
dim |2A|=0
dim |3A|=0
dim |4A|=0
dim |5A|=0
dim |6A|=1
dim |7A|=2
Kawamata-Bogomolov stable

Q-Fano No. 4
qW(X)=7
INDICES=[2, 6, 10]
BASKET=[[2, 1], [6, 1], [10, 3]]
A³=1/30
dim |1A|=0
dim |2A|=0
dim |3A|=0
dim |4A|=1

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dim |5A|=2
dim |6A|=4
dim |7A|=6
Kawamata-Bogomolov stable
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Q-Fano No. 5
qW(X)=7
INDICES=[3, 6, 9]
BASKET=[[3, 1], [6, 1], [9, 2]]
A^3=1/18
dim |1A|=0
dim |2A|=0
dim |3A|=1
dim |4A|=2
dim |5A|=4
dim |6A|=7
dim |7A|=10
Kawamata-Bogomolov stable
-----
Q-Fano No. 6
qW(X)=7
INDICES=[3, 8, 9]
BASKET=[[3, 1], [8, 3], [9, 4]]
A^3=1/72
dim |1A|=-1
dim |2A|=-1
dim |3A|=0
dim |4A|=0
dim |5A|=1
dim |6A|=1
dim |7A|=2
Kawamata-Bogomolov stable
-----
Q-Fano No. 7
qW(X)=7
INDICES=[2, 2, 2, 5]
BASKET=[[2, 1], [2, 1], [2, 1], [5, 1]]
A^3=1/10
dim |1A|=0
dim |2A|=2
dim |3A|=3
dim |4A|=6
dim |5A|=9
dim |6A|=13
dim |7A|=18
Kawamata-Bogomolov stable
-----
Q-Fano No. 8
qW(X)=7
INDICES=[2, 2, 3, 5]
BASKET=[[2, 1], [2, 1], [3, 1], [5, 2]]
A^3=1/15

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dim |1A|=0
dim |2A|=1
dim |3A|=2
dim |4A|=4
dim |5A|=6
dim |6A|=9
dim |7A|=12
Kawamata-Bogomolov stable
-----
Q-Fano No. 9
qW(X)=7
INDICES=[2, 2, 3, 11]
BASKET=[[2, 1], [2, 1], [3, 1], [11, 5]]
A^3=1/33
dim |1A|=-1
dim |2A|=0
dim |3A|=1
dim |4A|=1
dim |5A|=2
dim |6A|=4
dim |7A|=5
Kawamata-Bogomolov stable
-----
Q-Fano No. 10
qW(X)=7
INDICES=[2, 2, 3, 12]
BASKET=[[2, 1], [2, 1], [3, 1], [12, 5]]
A^3=1/12
dim |1A|=0
dim |2A|=1
dim |3A|=2
dim |4A|=4
dim |5A|=6
dim |6A|=10
dim |7A|=14
Kawamata-Bogomolov unstable
-----
Q-Fano No. 11
qW(X)=7
INDICES=[2, 2, 5, 9]
BASKET=[[2, 1], [2, 1], [5, 1], [9, 2]]
A^3=7/45
dim |1A|=0
dim |2A|=2
dim |3A|=4
dim |4A|=8
dim |5A|=13
dim |6A|=19
dim |7A|=27
Kawamata-Bogomolov unstable
-----
Q-Fano No. 12

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$qW(X)=7$
 INDICES=[2, 2, 5, 10]
 BASKET=[[2, 1], [2, 1], [5, 2], [10, 3]]
 $A^3=1/10$
 dim |1A|=0
 dim |2A|=1
 dim |3A|=2
 dim |4A|=5
 dim |5A|=8
 dim |6A|=12
 dim |7A|=17
 Kawamata-Bogomolov unstable

Q-Fano No. 13
 $qW(X)=7$
 INDICES=[2, 3, 3, 4]
 BASKET=[[2, 1], [3, 1], [3, 1], [4, 1]]
 $A^3=1/12$
 dim |1A|=0
 dim |2A|=1
 dim |3A|=3
 dim |4A|=5
 dim |5A|=7
 dim |6A|=11
 dim |7A|=15
 Kawamata-Bogomolov stable

Q-Fano No. 14
 $qW(X)=7$
 INDICES=[2, 3, 3, 11]
 BASKET=[[2, 1], [3, 1], [3, 1], [11, 4]]
 $A^3=7/66$
 dim |1A|=0
 dim |2A|=1
 dim |3A|=3
 dim |4A|=5
 dim |5A|=8
 dim |6A|=13
 dim |7A|=18
 Kawamata-Bogomolov unstable

Q-Fano No. 15
 $qW(X)=7$
 INDICES=[2, 3, 4, 10]
 BASKET=[[2, 1], [3, 1], [4, 1], [10, 3]]
 $A^3=7/60$
 dim |1A|=0
 dim |2A|=1
 dim |3A|=3
 dim |4A|=6
 dim |5A|=9
 dim |6A|=14

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dim |7A|=20
Kawamata-Bogomolov unstable
-----
Q-Fano No. 16
qW(X)=7
INDICES=[2, 3, 5, 9]
BASKET=[[2, 1], [3, 1], [5, 2], [9, 2]]
A^3=11/90
dim |1A|=0
dim |2A|=1
dim |3A|=3
dim |4A|=6
dim |5A|=10
dim |6A|=15
dim |7A|=21
Kawamata-Bogomolov unstable
-----
Q-Fano No. 17
qW(X)=7
INDICES=[2, 3, 6, 8]
BASKET=[[2, 1], [3, 1], [6, 1], [8, 1]]
A^3=1/8
dim |1A|=0
dim |2A|=1
dim |3A|=3
dim |4A|=6
dim |5A|=10
dim |6A|=16
dim |7A|=22
Kawamata-Bogomolov unstable
-----
Q-Fano No. 18
qW(X)=7
INDICES=[2, 2, 2, 5, 8]
BASKET=[[2, 1], [2, 1], [2, 1], [5, 2], [8, 3]]
A^3=1/40
dim |1A|=-1
dim |2A|=0
dim |3A|=0
dim |4A|=1
dim |5A|=2
dim |6A|=3
dim |7A|=4
Kawamata-Bogomolov stable
-----
Q-Fano No. 19
qW(X)=7
INDICES=[2, 2, 3, 4, 8]
BASKET=[[2, 1], [2, 1], [3, 1], [4, 1], [8, 3]]
A^3=1/24
dim |1A|=-1
dim |2A|=0

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dim |3A|=1
dim |4A|=2
dim |5A|=3
dim |6A|=5
dim |7A|=7
Kawamata-Bogomolov stable
-----
Q-Fano No. 20
qW(X)=7
INDICES=[2, 2, 2, 2, 5, 12]
BASKET=[[2, 1], [2, 1], [2, 1], [2, 1], [5, 1], [12, 5]]
A^3=1/60
dim |1A|=-1
dim |2A|=0
dim |3A|=-1
dim |4A|=0
dim |5A|=0
dim |6A|=1
dim |7A|=2
Kawamata-Bogomolov unstable
-----
Q-Fano No. 21
qW(X)=7
INDICES=[2, 2, 2, 3, 4, 5]
BASKET=[[2, 1], [2, 1], [2, 1], [3, 1], [4, 1], [5, 1]]
A^3=1/60
dim |1A|=-1
dim |2A|=0
dim |3A|=0
dim |4A|=1
dim |5A|=1
dim |6A|=2
dim |7A|=3
Kawamata-Bogomolov stable
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21 matching Q-Fanos found

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