

Sep 07, 04 11:15

SPbankAux.log

Page 1/9

Filterbank:

NumRays = 8
 NumFiltersPerRay = 5
 TotNumFilters = 43
 (Including DC filter and two corner filters).
 r0 = 0.037500
 Common Ratio = 1.800000
 Theta0 = -1.570796
 Radial Spacing = 0.360268
 Eta = 0.500000
 OBW = 1.000000
 gamma = 0.111111

DC Filter

r0 = 0.000000
 u0 = 0.000000
 v0 = 0.000000
 sigma = 5.028218
 GMax = 25.207748

$$f \rightarrow \text{Theta} = G \rightarrow \text{Lambda}$$

$$* (f \rightarrow \text{RAY} + 0.5)$$

$$- \frac{\pi}{2}$$

Filter 0

Ray = 0
 IndexOnRay = 0
 Theta = -1.390662
 r0 = 0.037500
 u0 = 0.006719
 v0 = -0.036893
 sigma = 10.600415
 GMax = 53.142597

Filter 1

Ray = 0
 IndexOnRay = 1
 Theta = -1.390662
 r0 = 0.067500
 u0 = 0.012093
 v0 = -0.066408
 sigma = 5.889119
 GMax = 29.523666

Filter 2

Ray = 0
 IndexOnRay = 2
 Theta = -1.390662
 r0 = 0.121500
 u0 = 0.021768
 v0 = -0.119534
 sigma = 3.271733
 GMax = 16.402037

Filter 3

Ray = 0

Sep 07, 04 11:15

SPbankAux.log

Page 2/9

IndexOnRay = 3
Theta = -1.390662
r0 = 0.218700
u0 = 0.039183
v0 = -0.215161
sigma = 1.817630
GMax = 9.112243

Filter 4
Ray = 0
IndexOnRay = 4
Theta = -1.390662
r0 = 0.393660
u0 = 0.070529
v0 = -0.387290
sigma = 1.009794
GMax = 5.062357

Filter 5
Ray = 1
IndexOnRay = 0
Theta = -1.030395
r0 = 0.037500
u0 = 0.019293
v0 = -0.032156
sigma = 10.600415
GMax = 53.142597

Filter 6
Ray = 1
IndexOnRay = 1
Theta = -1.030395
r0 = 0.067500
u0 = 0.034727
v0 = -0.057881
sigma = 5.889119
GMax = 29.523666

Filter 7
Ray = 1
IndexOnRay = 2
Theta = -1.030395
r0 = 0.121500
u0 = 0.062509
v0 = -0.104186
sigma = 3.271733
GMax = 16.402037

Filter 8
Ray = 1
IndexOnRay = 3
Theta = -1.030395
r0 = 0.218700

Sep 07, 04 11:15

SPbankAux.log

Page 3/9

u0 = 0.112517
v0 = -0.187536
sigma = 1.817630
GMax = 9.112243

Filter 9
Ray = 1
IndexOnRay = 4
Theta = -1.030395
r0 = 0.393660
u0 = 0.202530
v0 = -0.337564
sigma = 1.009794
GMax = 5.062357

Filter 10
Ray = 2
IndexOnRay = 0
Theta = -0.670127
r0 = 0.037500
u0 = 0.029390
v0 = -0.023291
sigma = 10.600415
GMax = 53.142597

Filter 11
Ray = 2
IndexOnRay = 1
Theta = -0.670127
r0 = 0.067500
u0 = 0.052903
v0 = -0.041923
sigma = 5.889119
GMax = 29.523666

Filter 12
Ray = 2
IndexOnRay = 2
Theta = -0.670127
r0 = 0.121500
u0 = 0.095225
v0 = -0.075462
sigma = 3.271733
GMax = 16.402037

Filter 13
Ray = 2
IndexOnRay = 3
Theta = -0.670127
r0 = 0.218700
u0 = 0.171405
v0 = -0.135831
sigma = 1.817630

Sep 07, 04 11:15

SPbankAux.log

Page 4/9

GMax = 9.112243

Filter 14

Ray = 2

IndexOnRay = 4

Theta = -0.670127

r0 = 0.393660

u0 = 0.308528

v0 = -0.244496

sigma = 1.009794

GMax = 5.062357

Filter 15

Ray = 3

IndexOnRay = 0

Theta = -0.309859

r0 = 0.037500

u0 = 0.035714

v0 = -0.011435

sigma = 10.600415

GMax = 53.142597

Filter 16

Ray = 3

IndexOnRay = 1

Theta = -0.309859

r0 = 0.067500

u0 = 0.064285

v0 = -0.020582

sigma = 5.889119

GMax = 29.523666

Filter 17

Ray = 3

IndexOnRay = 2

Theta = -0.309859

r0 = 0.121500

u0 = 0.115714

v0 = -0.037048

sigma = 3.271733

GMax = 16.402037

Filter 18

Ray = 3

IndexOnRay = 3

Theta = -0.309859

r0 = 0.218700

u0 = 0.208285

v0 = -0.066687

sigma = 1.817630

GMax = 9.112243

Sep 07, 04 11:15

SPbankAux.log

Page 5/9

Filter 19
Ray = 3
IndexOnRay = 4
Theta = -0.309859
r0 = 0.393660
u0 = 0.374913
v0 = -0.120037
sigma = 1.009794
GMax = 5.062357

Filter 20
Ray = 4
IndexOnRay = 0
Theta = 0.050409
r0 = 0.037500
u0 = 0.037452
v0 = 0.001890
sigma = 10.600415
GMax = 53.142597

Filter 21
Ray = 4
IndexOnRay = 1
Theta = 0.050409
r0 = 0.067500
u0 = 0.067414
v0 = 0.003401
sigma = 5.889119
GMax = 29.523666

Filter 22
Ray = 4
IndexOnRay = 2
Theta = 0.050409
r0 = 0.121500
u0 = 0.121346
v0 = 0.006122
sigma = 3.271733
GMax = 16.402037

Filter 23
Ray = 4
IndexOnRay = 3
Theta = 0.050409
r0 = 0.218700
u0 = 0.218422
v0 = 0.011020
sigma = 1.817630
GMax = 9.112243

Filter 24
Ray = 4
IndexOnRay = 4

Sep 07, 04 11:15

SPbankAux.log

Page 6/9

Theta = 0.050409
r0 = 0.393660
u0 = 0.393160
v0 = 0.019835
sigma = 1.009794
GMax = 5.062357

Filter 25
Ray = 5
IndexOnRay = 0
Theta = 0.410677
r0 = 0.037500
u0 = 0.034382
v0 = 0.014971
sigma = 10.600415
GMax = 53.142597

Filter 26
Ray = 5
IndexOnRay = 1
Theta = 0.410677
r0 = 0.067500
u0 = 0.061887
v0 = 0.026948
sigma = 5.889119
GMax = 29.523666

Filter 27
Ray = 5
IndexOnRay = 2
Theta = 0.410677
r0 = 0.121500
u0 = 0.111397
v0 = 0.048506
sigma = 3.271733
GMax = 16.402037

Filter 28
Ray = 5
IndexOnRay = 3
Theta = 0.410677
r0 = 0.218700
u0 = 0.200515
v0 = 0.087312
sigma = 1.817630
GMax = 9.112243

Filter 29
Ray = 5
IndexOnRay = 4
Theta = 0.410677
r0 = 0.393660
u0 = 0.360928

Sep 07, 04 11:15

SPbankAux.log

Page 7/9

v0 = 0.157161
sigma = 1.009794
GMax = 5.062357

Filter 30
Ray = 6
IndexOnRay = 0
Theta = 0.770944
r0 = 0.037500
u0 = 0.026897
v0 = 0.026130
sigma = 10.600415
GMax = 53.142597

Filter 31
Ray = 6
IndexOnRay = 1
Theta = 0.770944
r0 = 0.067500
u0 = 0.048415
v0 = 0.047035
sigma = 5.889119
GMax = 29.523666

Filter 32
Ray = 6
IndexOnRay = 2
Theta = 0.770944
r0 = 0.121500
u0 = 0.087146
v0 = 0.084663
sigma = 3.271733
GMax = 16.402037

Filter 33
Ray = 6
IndexOnRay = 3
Theta = 0.770944
r0 = 0.218700
u0 = 0.156863
v0 = 0.152393
sigma = 1.817630
GMax = 9.112243

Filter 34
Ray = 6
IndexOnRay = 4
Theta = 0.770944
r0 = 0.393660
u0 = 0.282354
v0 = 0.274307
sigma = 1.009794
GMax = 5.062357

Sep 07, 04 11:15

SPbankAux.log

Page 8/9

Filter 35
Ray = 7
IndexOnRay = 0
Theta = 1.131212
r0 = 0.037500
u0 = 0.015959
v0 = 0.033935
sigma = 10.600415
GMax = 53.142597

Filter 36
Ray = 7
IndexOnRay = 1
Theta = 1.131212
r0 = 0.067500
u0 = 0.028726
v0 = 0.061083
sigma = 5.889119
GMax = 29.523666

Filter 37
Ray = 7
IndexOnRay = 2
Theta = 1.131212
r0 = 0.121500
u0 = 0.051706
v0 = 0.109949
sigma = 3.271733
GMax = 16.402037

Filter 38
Ray = 7
IndexOnRay = 3
Theta = 1.131212
r0 = 0.218700
u0 = 0.093071
v0 = 0.197908
sigma = 1.817630
GMax = 9.112243

Filter 39
Ray = 7
IndexOnRay = 4
Theta = 1.131212
r0 = 0.393660
u0 = 0.167527
v0 = 0.356234
sigma = 1.009794
GMax = 5.062357

Filter 41 (Corner Filter)

Sep 07, 04 11:15

SPbankAux.log

Page 9/9

Theta = -0.785398
r0 = 0.556462
u0 = 0.393478
v0 = -0.393478
sigma = 1.354781
GMax = 6.791865
OBW = 0.512467

Filter 42 (Corner Filter)

Theta = 0.785398
r0 = 0.556462
u0 = 0.393478
v0 = 0.393478
sigma = 1.817630
GMax = 6.791865
OBW = 0.512467