

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$ ls -al  
total 164  
drwx----- 2 mignotte mignotte 4096 Oct 17 17:04 .  
drwx----- 5 mignotte mignotte 4096 Sep 5 18:08 ..  
-rwx----- 1 mignotte mignotte 1157 Oct 17 17:01 Bareme_4.dat  
-rwx----- 1 mignotte mignotte 1346 Sep 5 18:08 Bareme_5.datBareme_5_old.dat  
-rwx----- 1 mignotte mignotte 103 Oct 17 17:04 compilegcc  
-rwx----- 1 mignotte mignotte 81 Sep 5 18:08 compilegcc~  
-rwx----- 1 mignotte mignotte 21063 Sep 5 18:08 FonctionDemo.c  
-rwx----- 1 mignotte mignotte 2637 Sep 5 18:08 FonctionDemo.h  
-rw-rw-r-- 1 mignotte mignotte 22032 Oct 17 17:04 FonctionDemo.o  
-rwx----- 1 mignotte mignotte 16438 Oct 17 17:04 ImgOut0.pgm  
-rwx----- 1 mignotte mignotte 16458 Sep 5 18:08 lenna.pgm  
-rwx----- 1 mignotte mignotte 3806 Sep 5 18:08 Mail_5.dat  
-rwxrwxr-x 1 mignotte mignotte 27175 Oct 17 17:04 TpIFT6150-5-1  
-rwx----- 1 mignotte mignotte 7548 Sep 5 18:08 TpIFT6150-5-1.c  
-rwx----- 1 mignotte mignotte 7546 Sep 5 18:08 TpIFT6150-5-1.c~  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$  
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$ ./TpIFT6150-5-1  
--> Ouverture de lenna.pgm
```



```
--Entete--  
-----
```

```
P5
```

```
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
```

```
128 128
```

```
255
```

```
Sauvegarde de ImgOut0 au format pgm
```

```
C'est fini ...
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/prog$
```



mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution

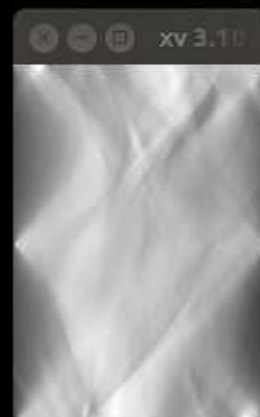


mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution 148x39

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$

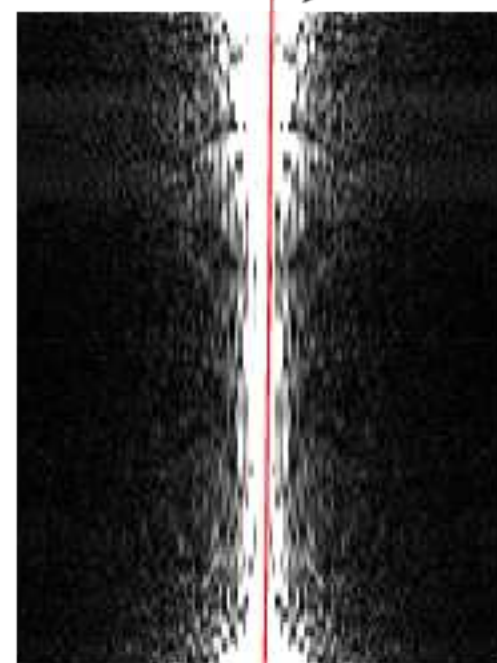
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$



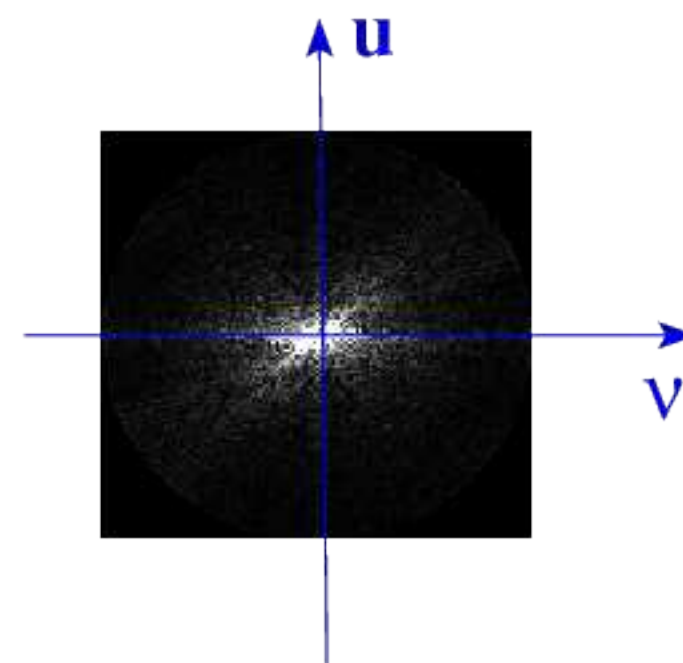


$f(\theta, x)$

TFD



$F(\theta, r)$



```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$ ./TpIFT6150-5_cor
```

```
---> Ouverture de lenna.pgm
```

```
--Entete--
```

```
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```

```
P5
```

```
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
```

```
128 128
```

```
255
```

```
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
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[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-
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[20]-[21]-[22]-[23]-[24]-[25]-[26]-[27]-[28]-[29]-
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[30]-[31]-[32]-[33]-[34]-[35]-[36]-[37]-[38]-[39]-
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[40]-[41]-[42]-[43]-[44]-[45]-[46]-[47]-[48]-[49]-
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[50]-[51]-[52]-[53]-[54]-[55]-[56]-[57]-[58]-[59]-
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[60]-[61]-[62]-[63]-[64]-[65]-[66]-[67]-[68]-[69]-
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[70]-[71]-[72]-[73]-[74]-[75]-[76]-[77]-[78]-[79]-
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[80]-[81]-[82]-[83]-[84]-[85]-[86]-[87]-[88]-[89]-
```

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[90]-[91]-[92]-[93]-[94]-[95]-[96]-[97]-[98]-[99]-
```

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[100]-[101]-[102]-[103]-[104]-[105]-[106]-[107]-[108]-[109]-
```

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[110]-[111]-[112]-[113]-[114]-[115]-[116]-[117]-[118]-[119]-
```

```
[120]-[121]-[122]-[123]-[124]-[125]-[126]-[127]-[128]-[129]-
```

```
[130]-[131]-[132]-[133]-[134]-[135]-[136]-[137]-[138]-[139]-
```

```
[140]-[141]-[142]-[143]-[144]-[145]-[146]-[147]-[148]-[149]-
```

```
[150]-[151]-[152]-[153]-[154]-[155]-[156]-[157]-[158]-[159]-
```

```
[160]-[161]-[162]-[163]-[164]-[165]-[166]-[167]-[168]-[169]-
```

```
[170]-[171]-[172]-[173]-[174]-[175]-[176]-[177]-[178]-[179]-
```

```
Sauvegarde de ImgOut0 au format pgm
```

```
Sauvegarde de ImgOut1 au format pgm
```

```
Sauvegarde de ImgOut2 au format pgm
```

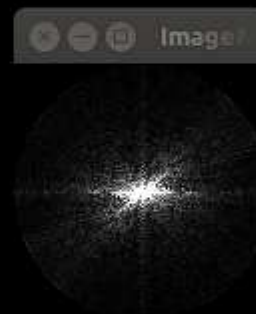
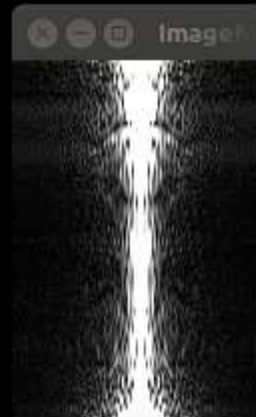
```
Sauvegarde de ImgOut3 au format pgm
```

```
Sauvegarde de ImgOut4 au format pgm
```

```
Sauvegarde de ImgOut5 au format pgm
```

```
C'est fini ...
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```



---> Ouverture de lenna.pgm

--Entete--

P5
CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
128 128
255
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-
[20]-[21]-[22]-[23]-[24]-[25]-[26]-[27]-[28]-[29]-
[30]-[31]-[32]-[33]-[34]-[35]-[36]-[37]-[38]-[39]-
[40]-[41]-[42]-[43]-[44]-[45]-[46]-[47]-[48]-[49]-
[50]-[51]-[52]-[53]-[54]-[55]-[56]-[57]-[58]-[59]-
[60]-[61]-[62]-[63]-[64]-[65]-[66]-[67]-[68]-[69]-
[70]-[71]-[72]-[73]-[74]-[75]-[76]-[77]-[78]-[79]-
[80]-[81]-[82]-[83]-[84]-[85]-[86]-[87]-[88]-[89]-
[90]-[91]-[92]-[93]-[94]-[95]-[96]-[97]-[98]-[99]-
[100]-[101]-[102]-[103]-[104]-[105]-[106]-[107]-[108]-[109]-
[110]-[111]-[112]-[113]-[114]-[115]-[116]-[117]-[118]-[119]-
[120]-[121]-[122]-[123]-[124]-[125]-[126]-[127]-[128]-[129]-
[130]-[131]-[132]-[133]-[134]-[135]-[136]-[137]-[138]-[139]-
[140]-[141]-[142]-[143]-[144]-[145]-[146]-[147]-[148]-[149]-
[150]-[151]-[152]-[153]-[154]-[155]-[156]-[157]-[158]-[159]-
[160]-[161]-[162]-[163]-[164]-[165]-[166]-[167]-[168]-[169]-
[170]-[171]-[172]-[173]-[174]-[175]-[176]-[177]-[178]-[179]-

Sauvegarde de ImgOut0 au format pgm

Sauvegarde de ImgOut1 au format pgm

Sauvegarde de ImgOut2 au format pgm

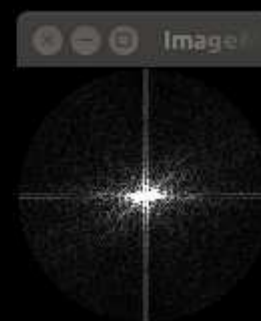
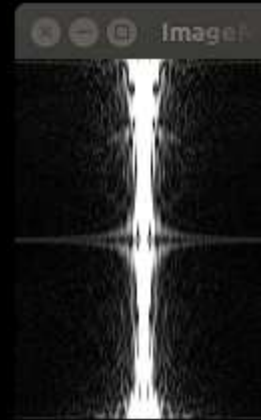
Sauvegarde de ImgOut3 au format pgm

Sauvegarde de ImgOut4 au format pgm

Sauvegarde de ImgOut5 au format pgm

C'est fini ...

mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$



```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$ ./TpIFT6150-5_cor
```

```
---> Ouverture de lenna.pgm
```

```
--Entete--
```

```
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```

```
P5
```

```
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
```

```
128 128
```

```
255
```

```
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
```

```
[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-
```

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[20]-[21]-[22]-[23]-[24]-[25]-[26]-[27]-[28]-[29]-
```

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[30]-[31]-[32]-[33]-[34]-[35]-[36]-[37]-[38]-[39]-
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[40]-[41]-[42]-[43]-[44]-[45]-[46]-[47]-[48]-[49]-
```

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[50]-[51]-[52]-[53]-[54]-[55]-[56]-[57]-[58]-[59]-
```

```
[60]-[61]-[62]-[63]-[64]-[65]-[66]-[67]-[68]-[69]-
```

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[70]-[71]-[72]-[73]-[74]-[75]-[76]-[77]-[78]-[79]-
```

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[80]-[81]-[82]-[83]-[84]-[85]-[86]-[87]-[88]-[89]-
```

```
[90]-[91]-[92]-[93]-[94]-[95]-[96]-[97]-[98]-[99]-
```

```
[100]-[101]-[102]-[103]-[104]-[105]-[106]-[107]-[108]-[109]-
```

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[110]-[111]-[112]-[113]-[114]-[115]-[116]-[117]-[118]-[119]-
```

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[120]-[121]-[122]-[123]-[124]-[125]-[126]-[127]-[128]-[129]-
```

```
[130]-[131]-[132]-[133]-[134]-[135]-[136]-[137]-[138]-[139]-
```

```
[140]-[141]-[142]-[143]-[144]-[145]-[146]-[147]-[148]-[149]-
```

```
[150]-[151]-[152]-[153]-[154]-[155]-[156]-[157]-[158]-[159]-
```

```
[160]-[161]-[162]-[163]-[164]-[165]-[166]-[167]-[168]-[169]-
```

```
[170]-[171]-[172]-[173]-[174]-[175]-[176]-[177]-[178]-[179]-
```

```
Sauvegarde de ImgOut0 au format pgm
```

```
Sauvegarde de ImgOut1 au format pgm
```

```
Sauvegarde de ImgOut2 au format pgm
```

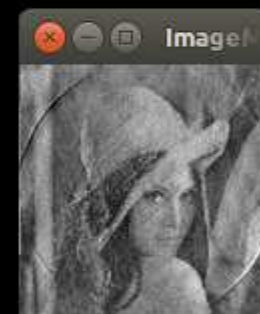
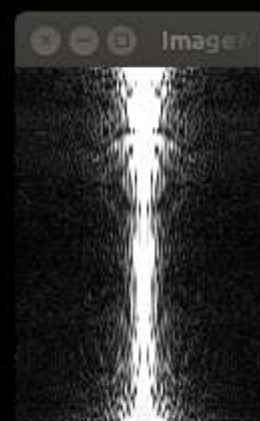
```
Sauvegarde de ImgOut3 au format pgm
```

```
Sauvegarde de ImgOut4 au format pgm
```

```
Sauvegarde de ImgOut5 au format pgm
```

```
C'est fini ...
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```



```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$ ./TpIFT6150-5_cor 12
```

```
---> Ouverture de lenna.pgm
```

```
--Entete--
```

```
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```

```
P5
```

```
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
```

```
128 128
```

```
255
```

```
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
```

```
[10]-[11]-
```

```
Sauvegarde de ImgOut0 au format pgm
```

```
Sauvegarde de ImgOut1 au format pgm
```

```
Sauvegarde de ImgOut2 au format pgm
```

```
Sauvegarde de ImgOut3 au format pgm
```

```
Sauvegarde de ImgOut4 au format pgm
```

```
Sauvegarde de ImgOut5 au format pgm
```

```
C'est fini ...
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```



mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution 156x45

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$./TpIFT6150-5_cor 22

--> Ouverture de lenna.pgm

--Entete--

P5

CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)

128 128

255

[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-

[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-

[20]-[21]-

Sauvegarde de ImgOut0 au format pgm

Sauvegarde de ImgOut1 au format pgm

Sauvegarde de ImgOut2 au format pgm

Sauvegarde de ImgOut3 au format pgm

Sauvegarde de ImgOut4 au format pgm

Sauvegarde de ImgOut5 au format pgm

C'est fini ...

mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution\$




```
mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution
mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$ ./TpIFT6150-5_cor 45
--> Ouverture de lenna.pgm
```

```
--Entete--
-----
```

```
P5
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
128 128
255
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-
[20]-[21]-[22]-[23]-[24]-[25]-[26]-[27]-[28]-[29]-
[30]-[31]-[32]-[33]-[34]-[35]-[36]-[37]-[38]-[39]-
[40]-[41]-[42]-[43]-[44]-
Sauvegarde de ImgOut0 au format pgm

Sauvegarde de ImgOut1 au format pgm

Sauvegarde de ImgOut2 au format pgm

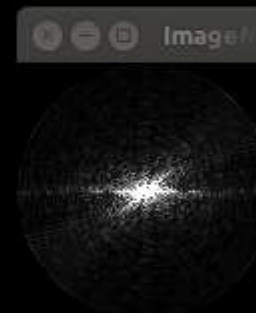
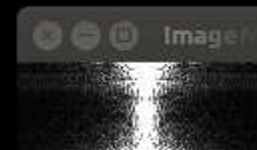
Sauvegarde de ImgOut3 au format pgm

Sauvegarde de ImgOut4 au format pgm

Sauvegarde de ImgOut5 au format pgm

C'est fini ...
```

```
mignotte@goldorak: ~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```



```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$ ./TpIFT6150-5_cor 90
```

```
--> Ouverture de lenna.pgm
```

```
--Entete--
```

```
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```

```
P5
```

```
# CREATOR: XV Version 3.10a Rev: 12/29/94 (PNG patch 1.2)
```

```
128 128
```

```
255
```

```
[0]-[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-
```

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[10]-[11]-[12]-[13]-[14]-[15]-[16]-[17]-[18]-[19]-
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[20]-[21]-[22]-[23]-[24]-[25]-[26]-[27]-[28]-[29]-
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[30]-[31]-[32]-[33]-[34]-[35]-[36]-[37]-[38]-[39]-
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[40]-[41]-[42]-[43]-[44]-[45]-[46]-[47]-[48]-[49]-
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[50]-[51]-[52]-[53]-[54]-[55]-[56]-[57]-[58]-[59]-
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[60]-[61]-[62]-[63]-[64]-[65]-[66]-[67]-[68]-[69]-
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[70]-[71]-[72]-[73]-[74]-[75]-[76]-[77]-[78]-[79]-
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[80]-[81]-[82]-[83]-[84]-[85]-[86]-[87]-[88]-[89]-
```

```
Sauvegarde de ImgOut0 au format pgm
```

```
Sauvegarde de ImgOut1 au format pgm
```

```
Sauvegarde de ImgOut2 au format pgm
```

```
Sauvegarde de ImgOut3 au format pgm
```

```
Sauvegarde de ImgOut4 au format pgm
```

```
Sauvegarde de ImgOut5 au format pgm
```

```
C'est fini ...
```

```
mignotte@goldorak:~/IFT6150TPs/_4a_TpIFT6150V3_5/solution$
```

