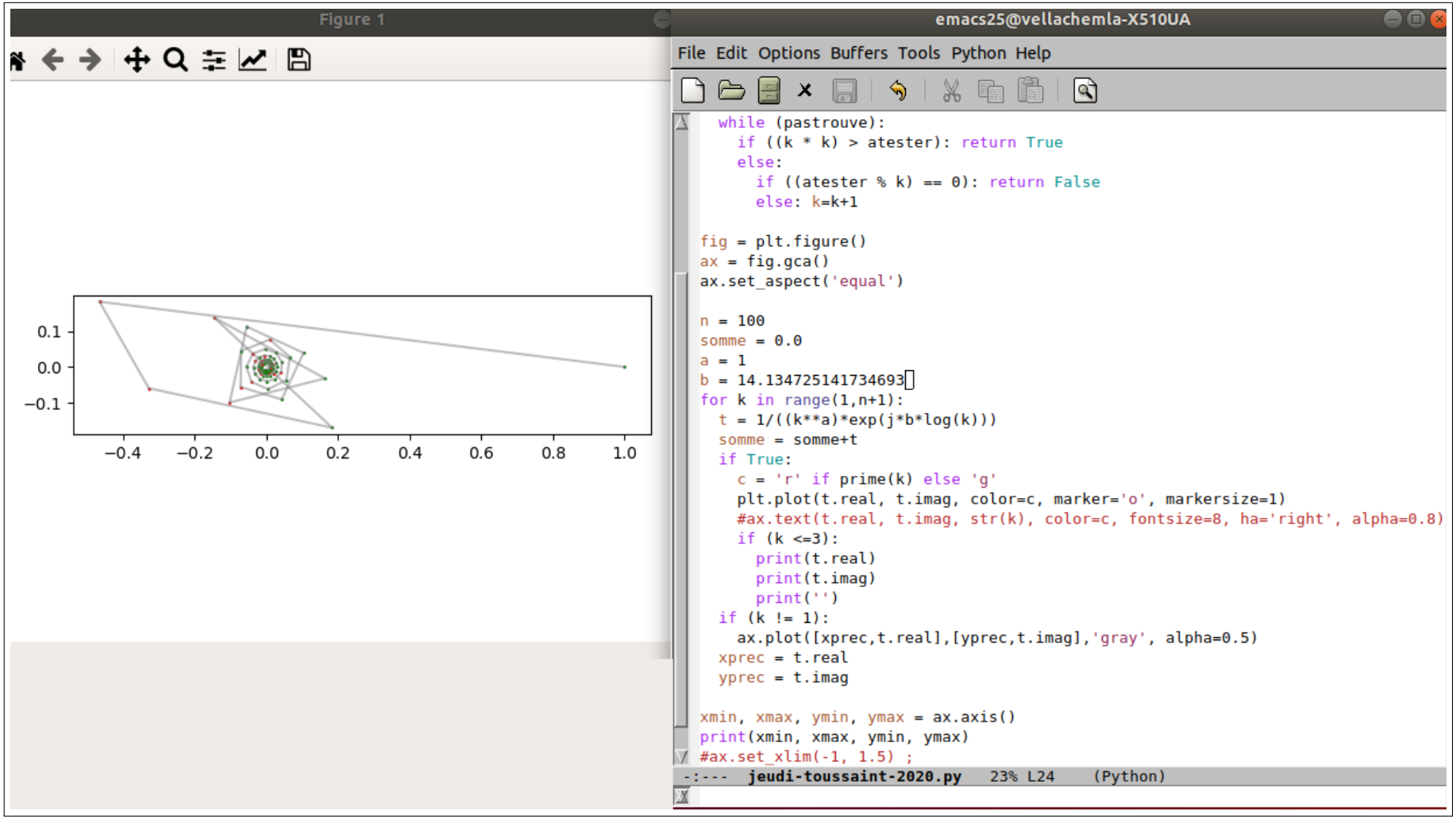
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 100
somme = 0.0
a = 1
b = 14.134725141734693
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)

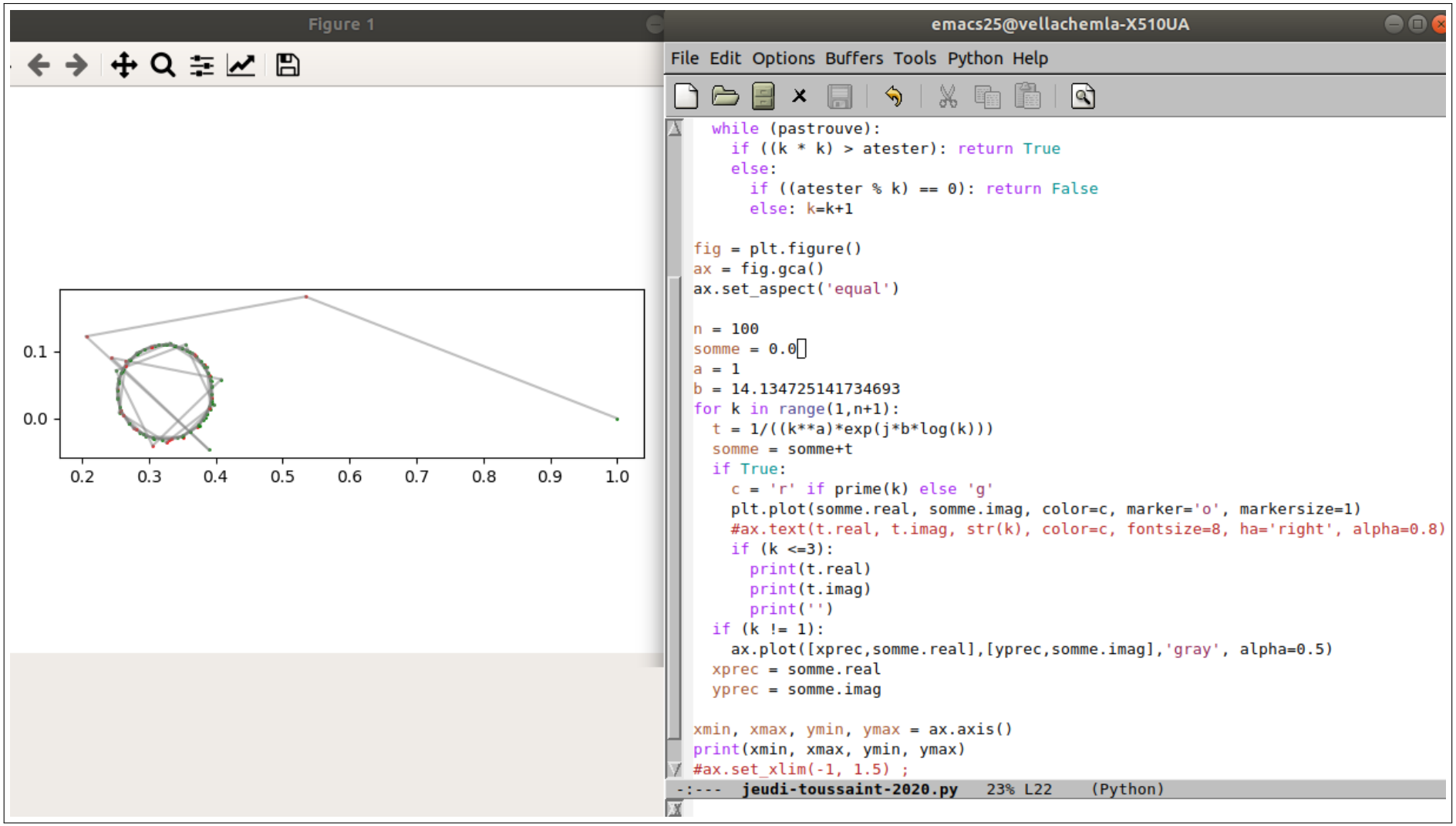
Figure 1
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File Edit Options Buffers Tools Python Help
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while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 100
somme = 0.0
a = 1
b = 14.134725141734693
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L22 (Python)

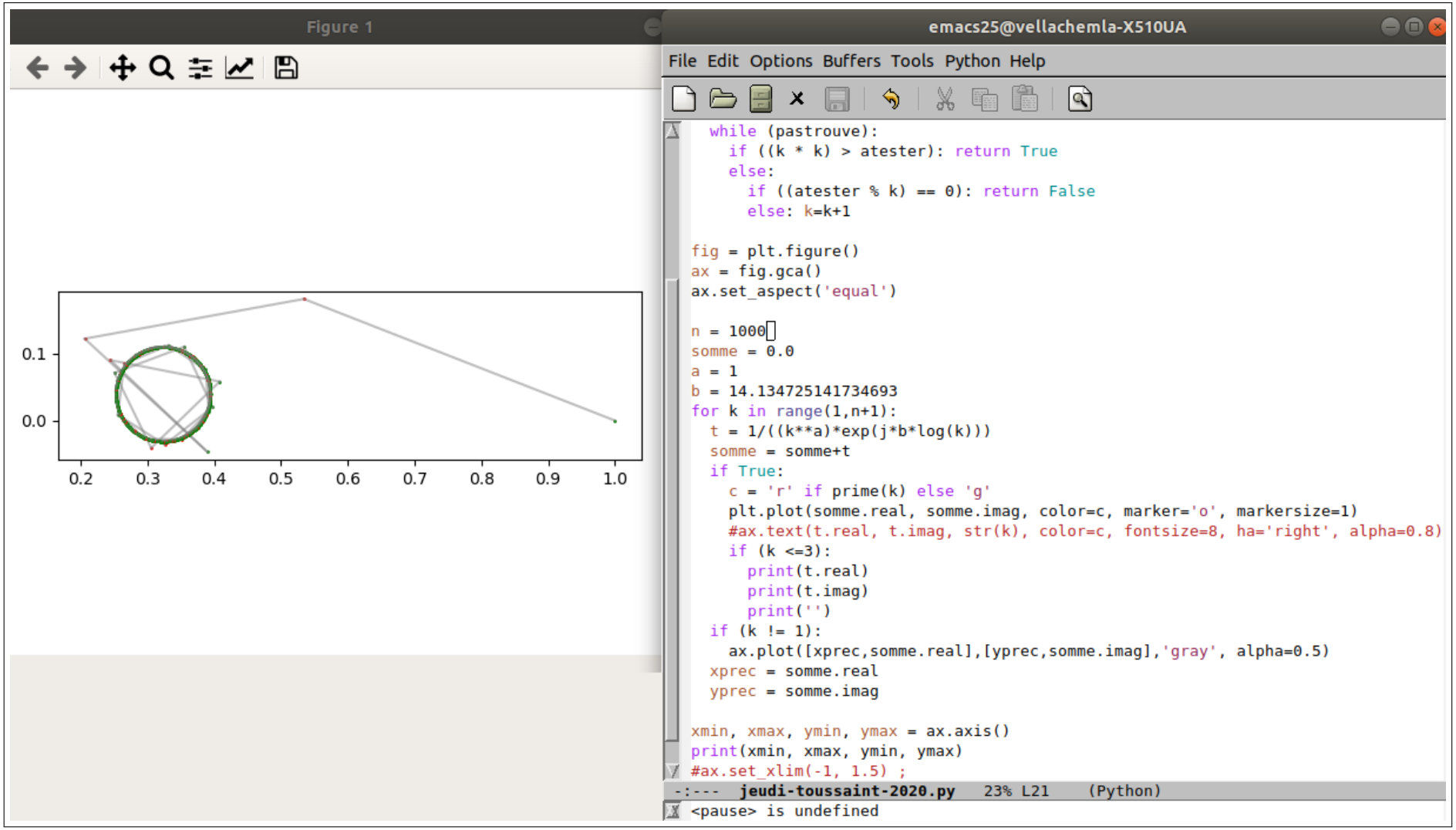
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 14.134725141734693
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L21 (Python)
<pause> is undefined

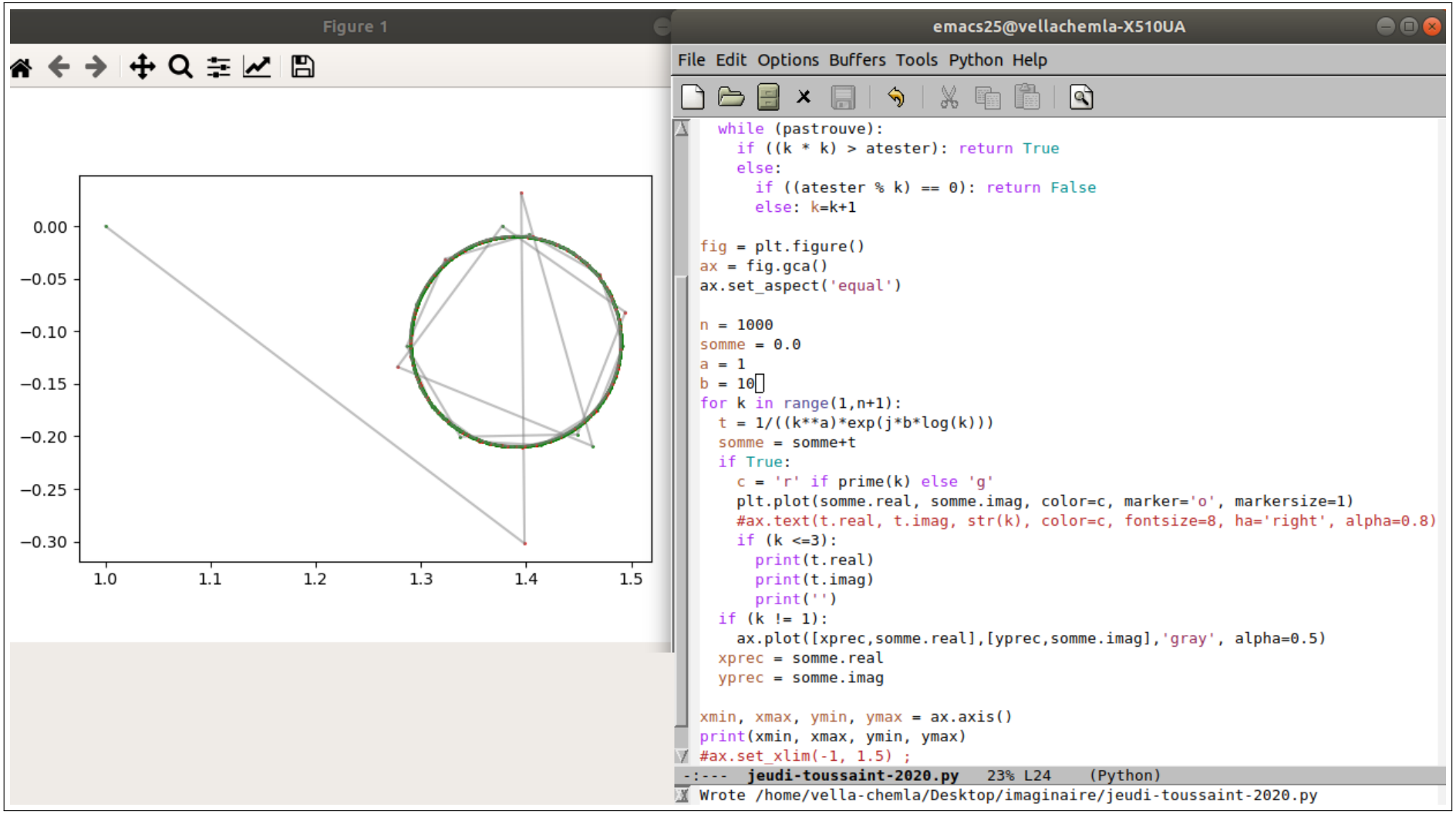
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 10
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

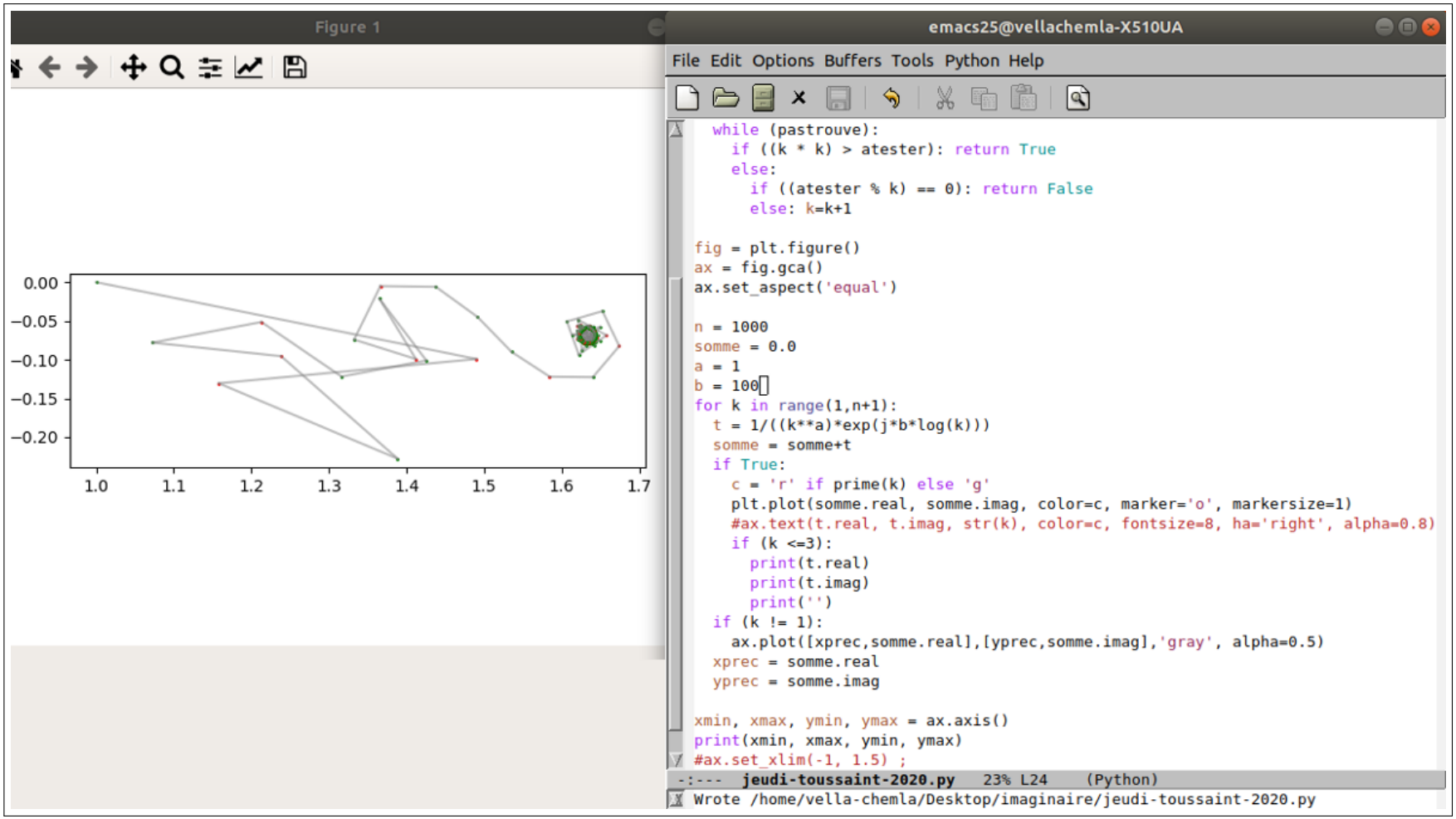
Figure 1
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File Edit Options Buffers Tools Python Help
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while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 100
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

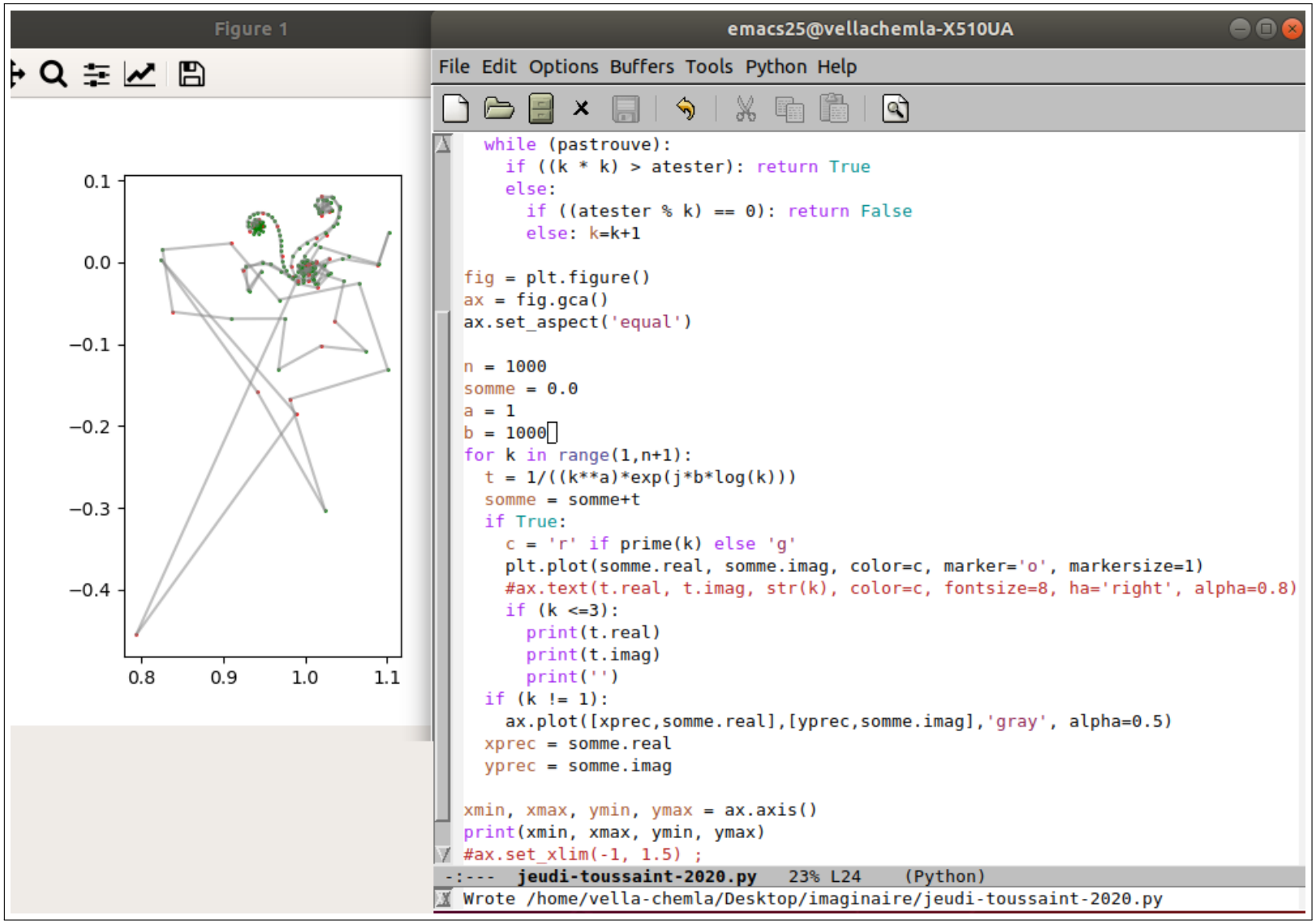
Figure 1
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File Edit Options Buffers Tools Python Help
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while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 1000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

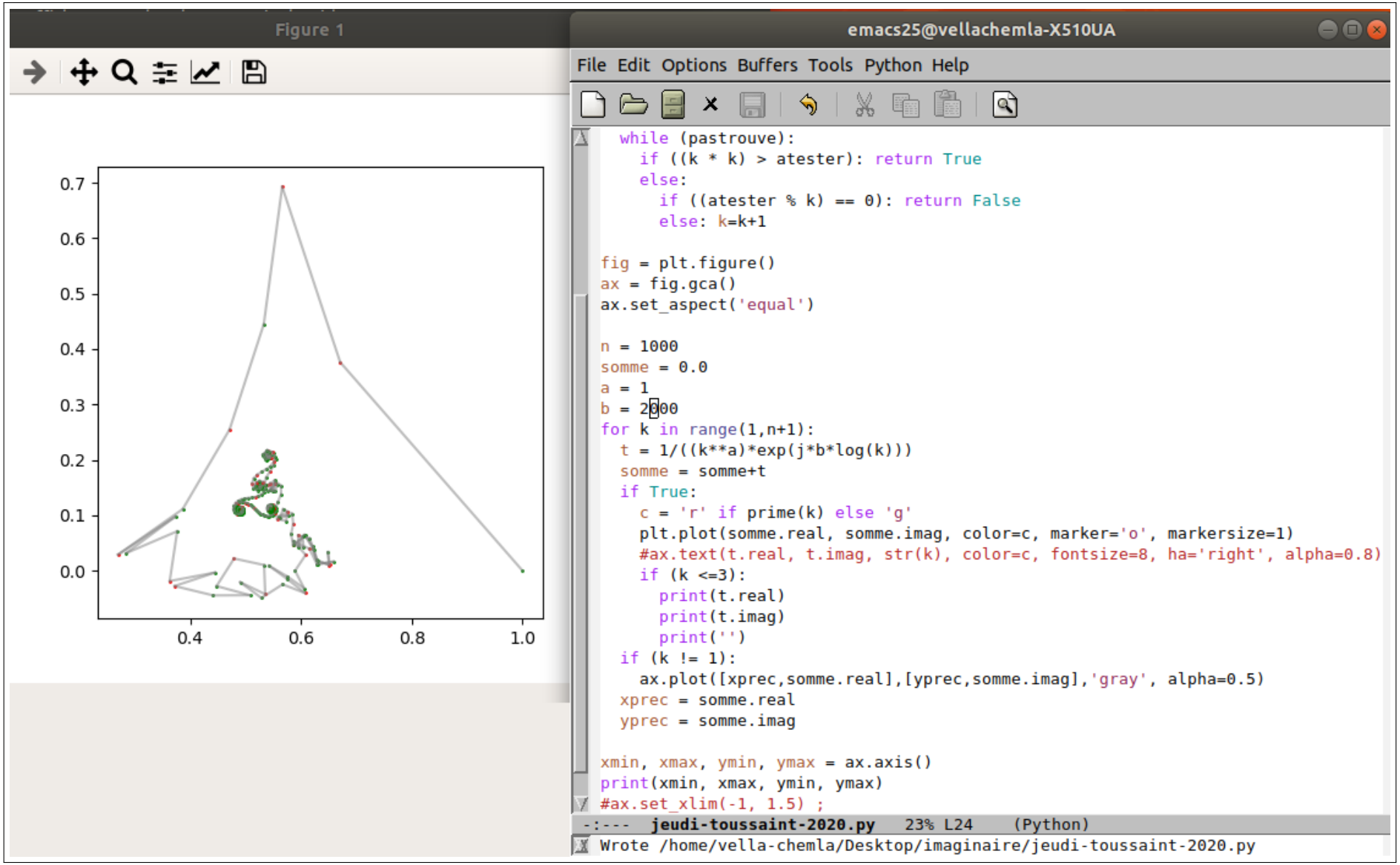
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 2000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

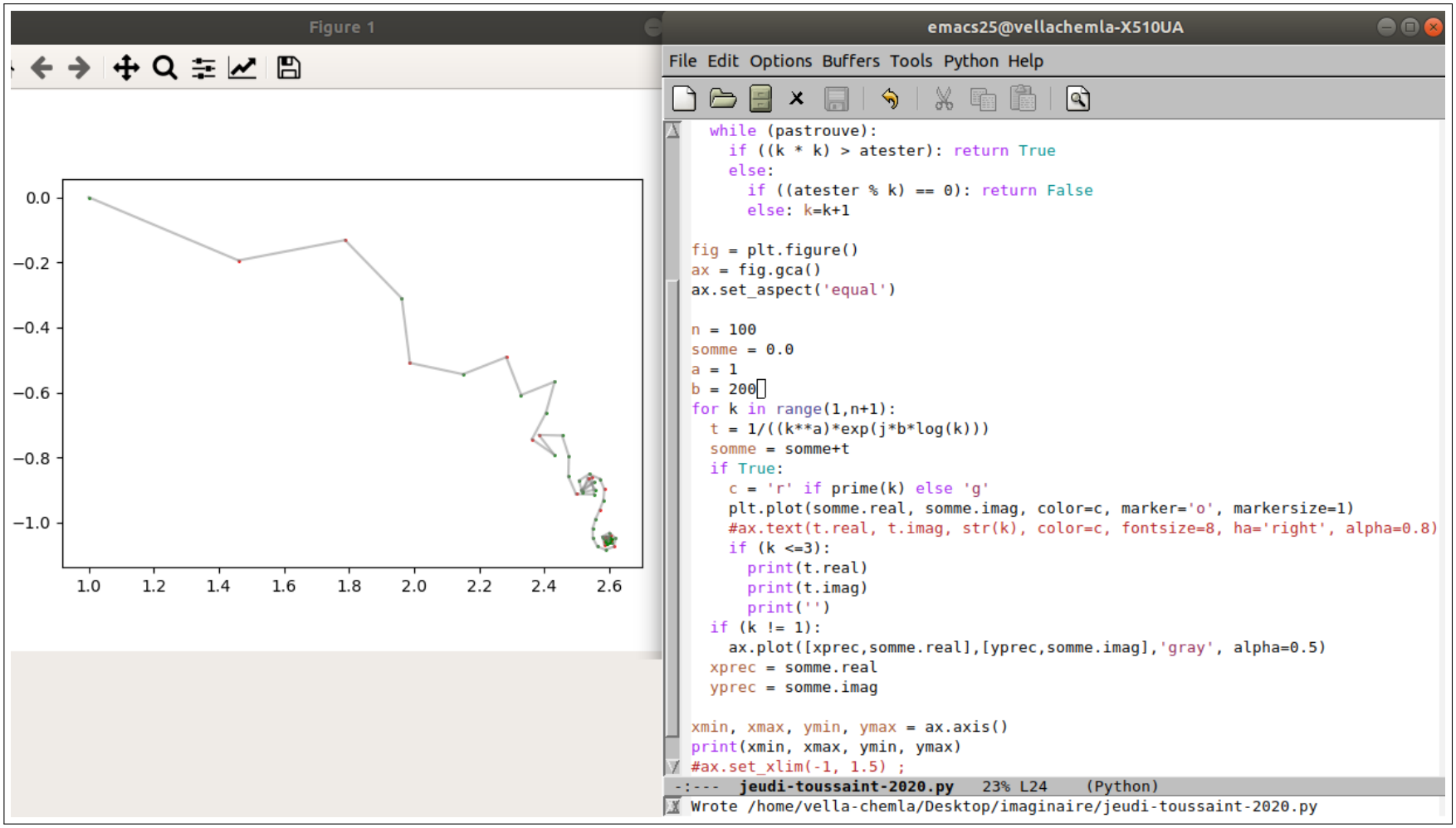
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 100
somme = 0.0
a = 1
b = 200
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

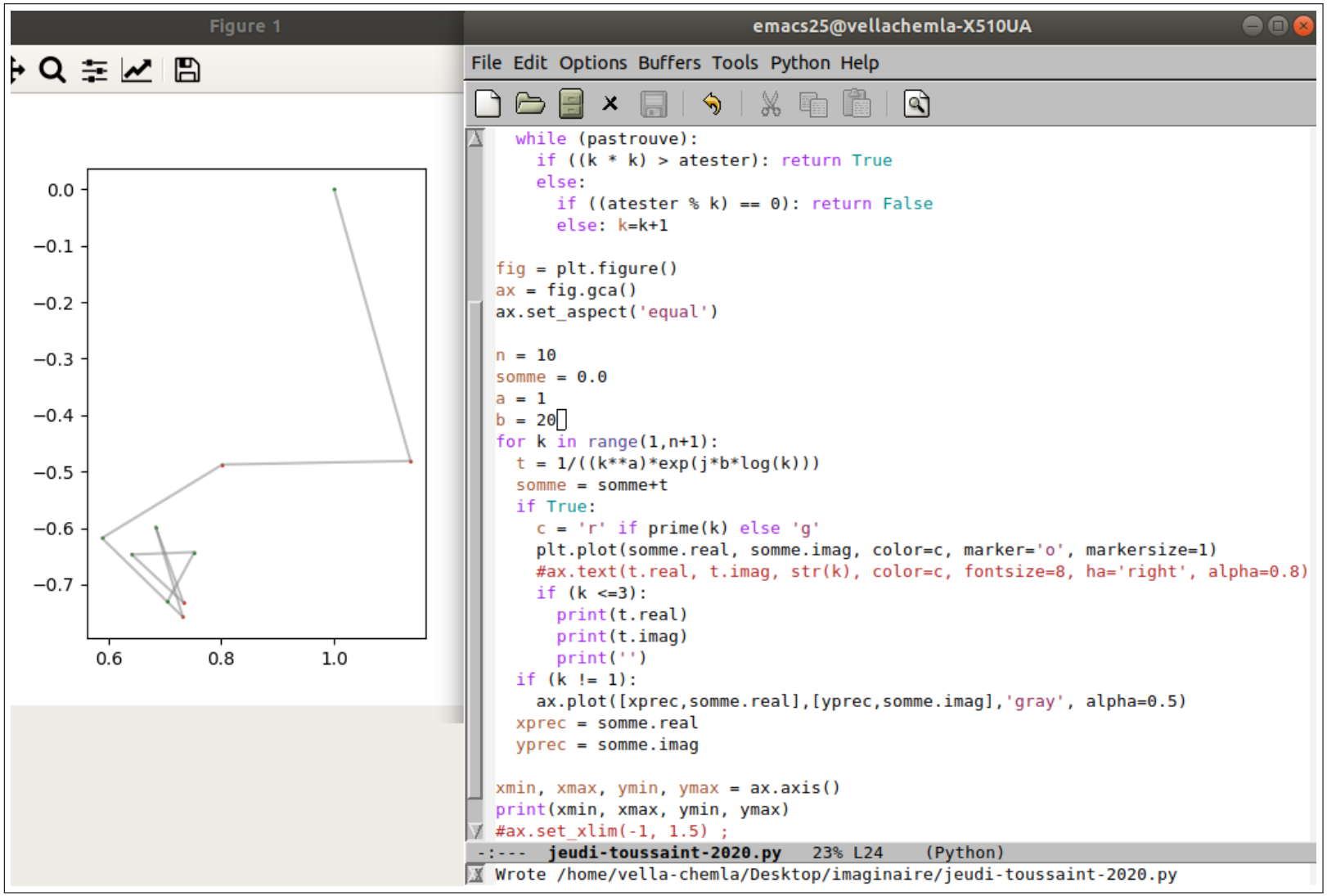
Figure 1
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File Edit Options Buffers Tools Python Help
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1.0
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 10
somme = 0.0
a = 1
b = 20
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

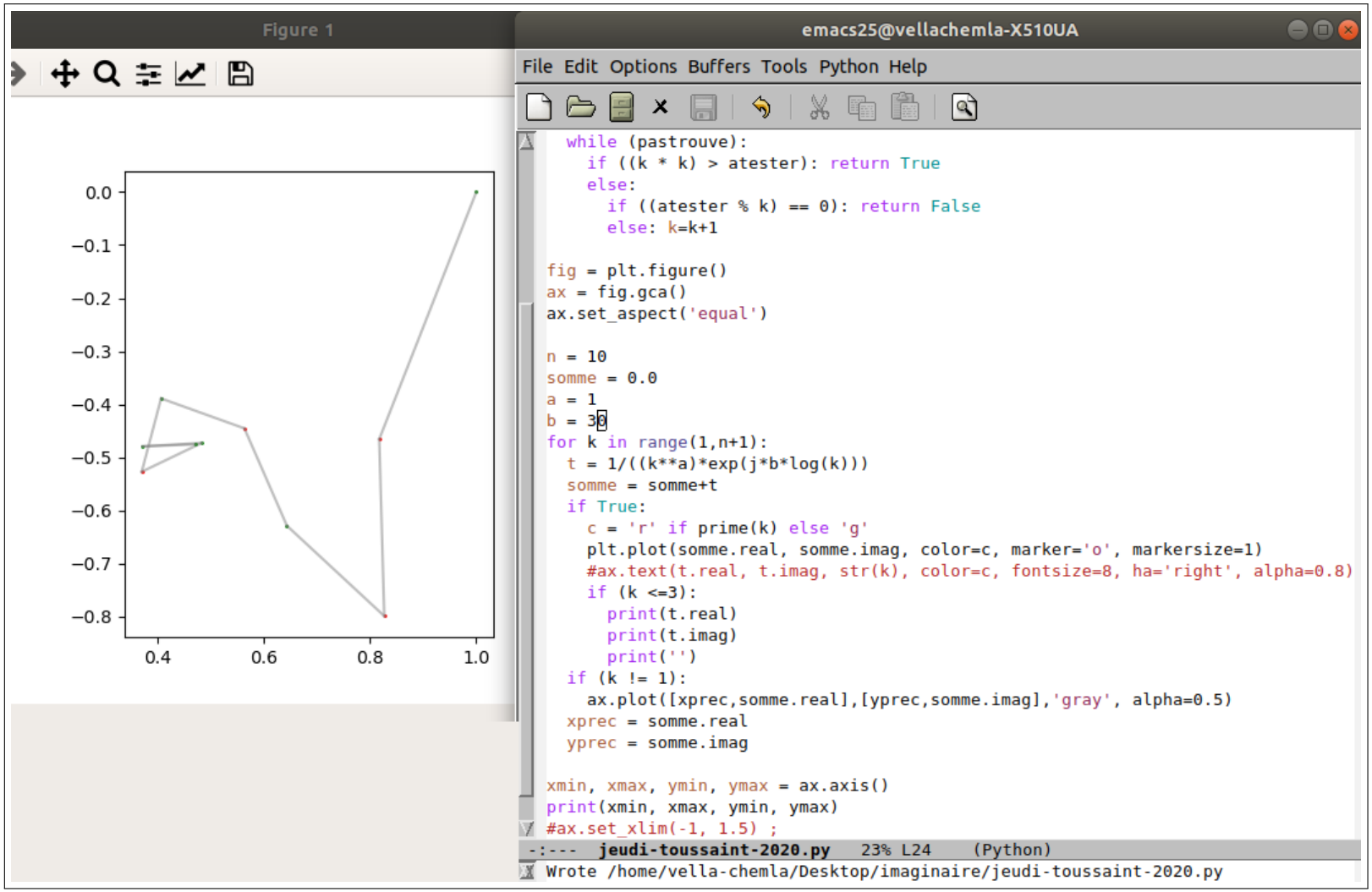
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 10
somme = 0.0
a = 1
b = 30
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

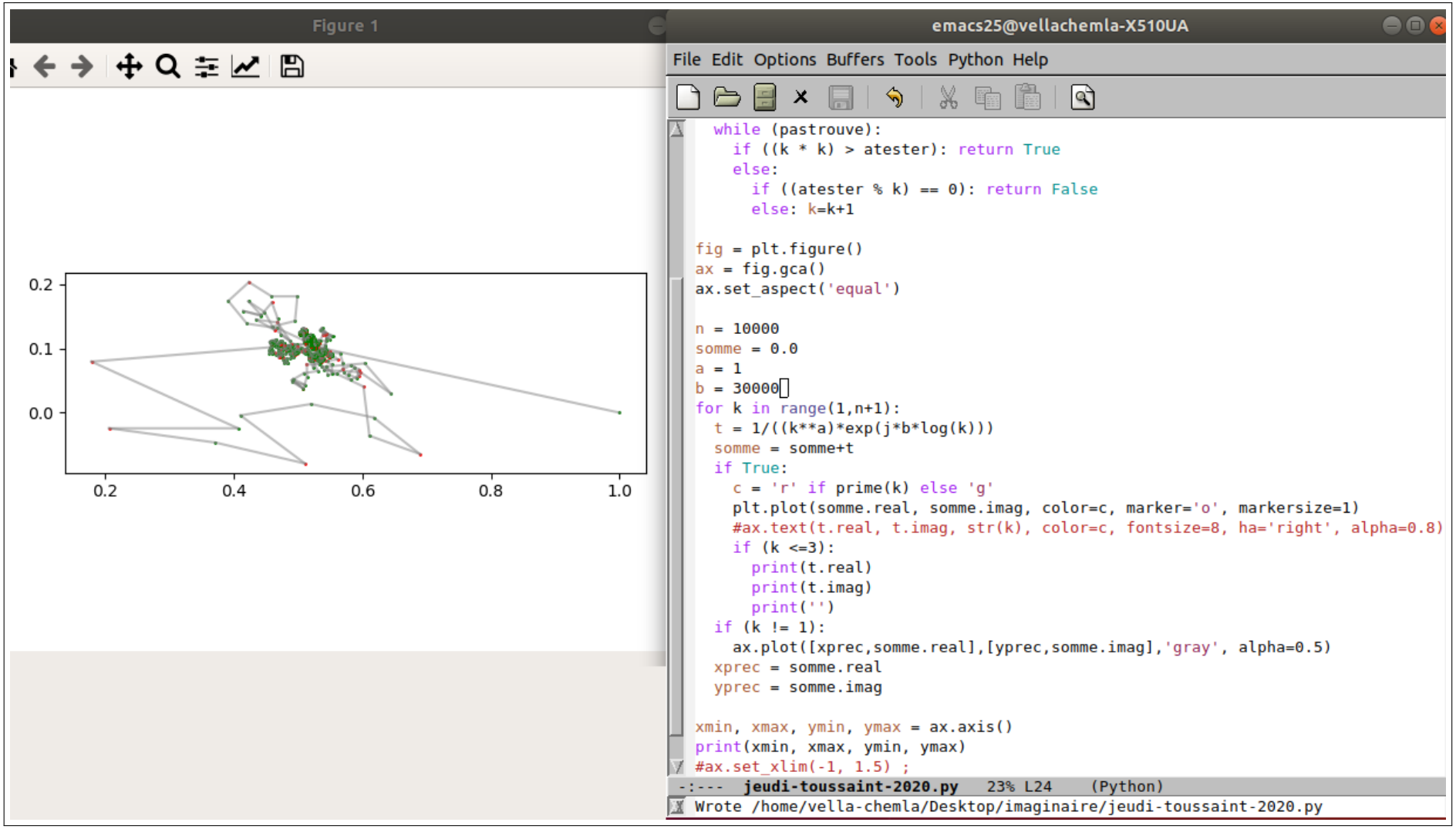
Figure 1
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emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 10000
somme = 0.0
a = 1
b = 30000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
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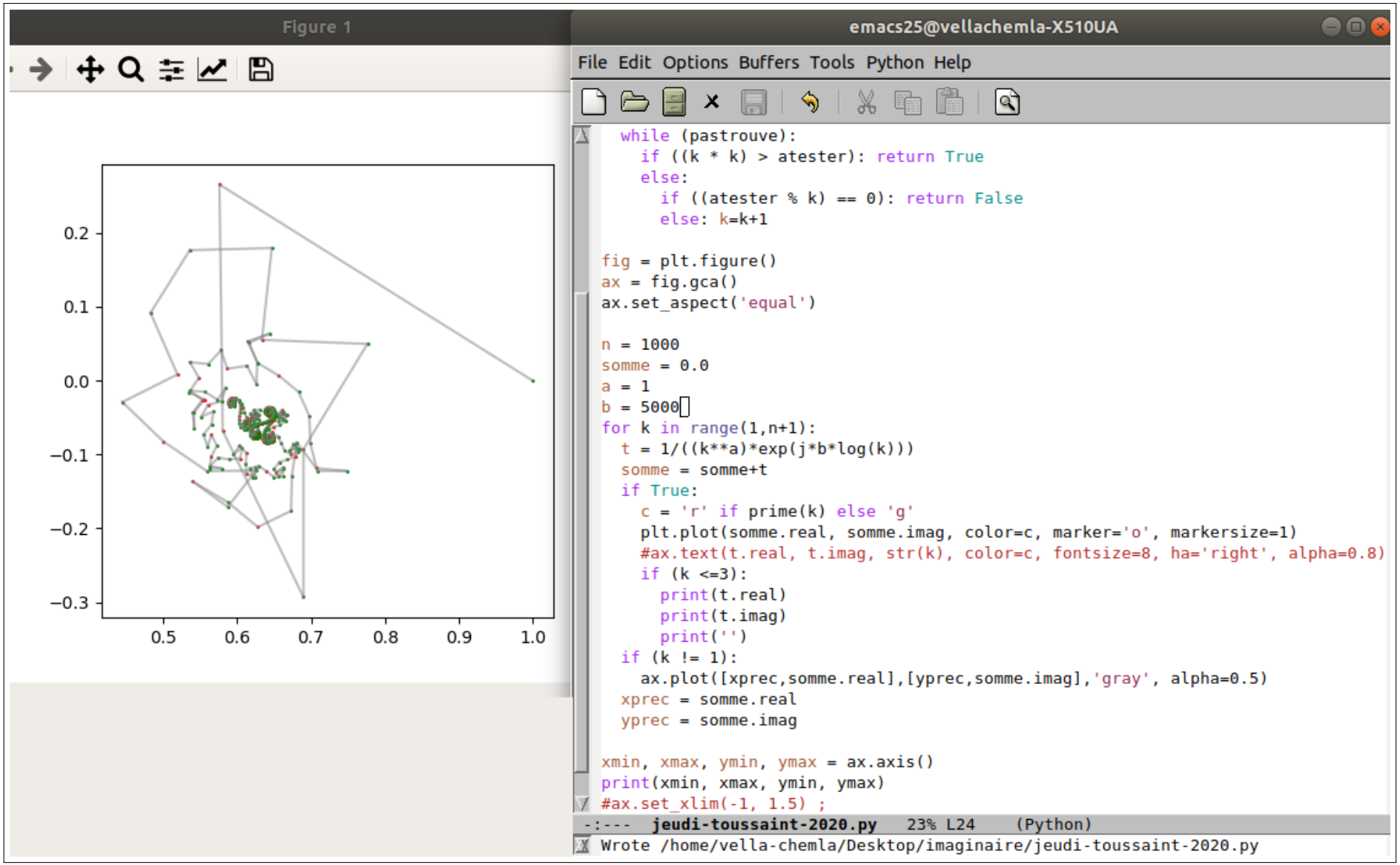
Figure 1
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1.0
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 5000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
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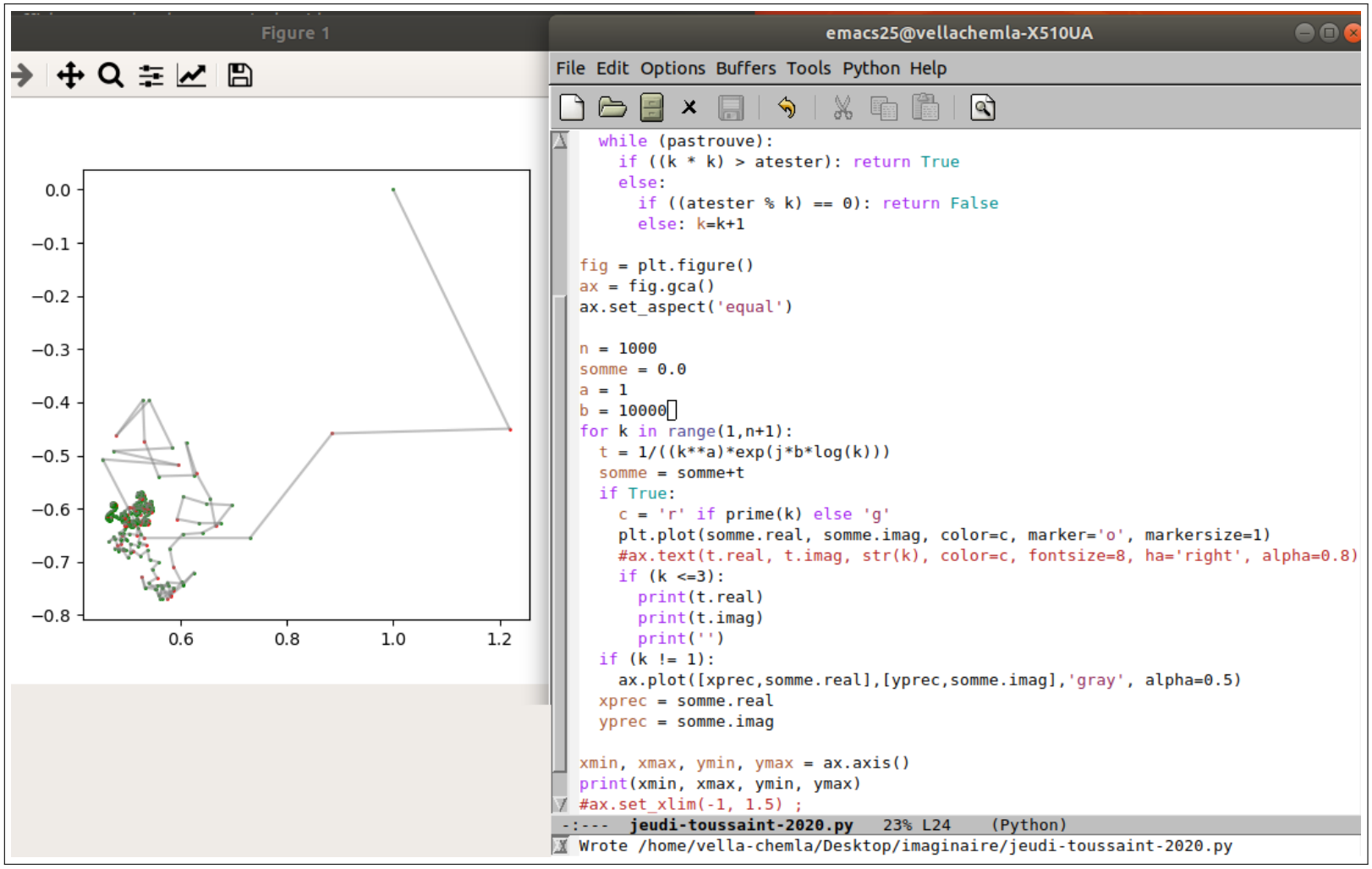
Figure 1
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−0.6
−0.7
−0.8
0.6
0.8
1.0
1.2
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 10000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

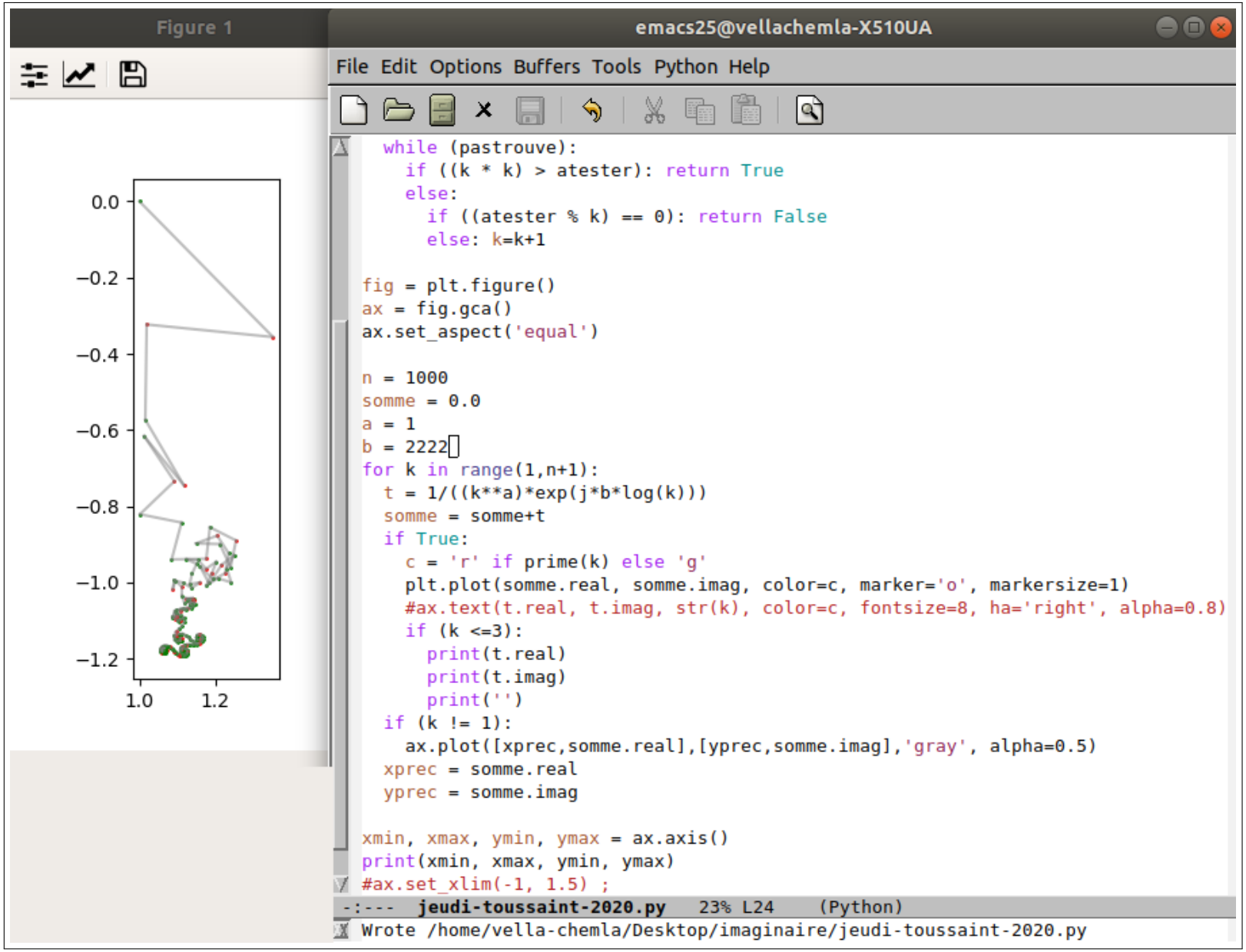
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
1.0
1.2
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 2222
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

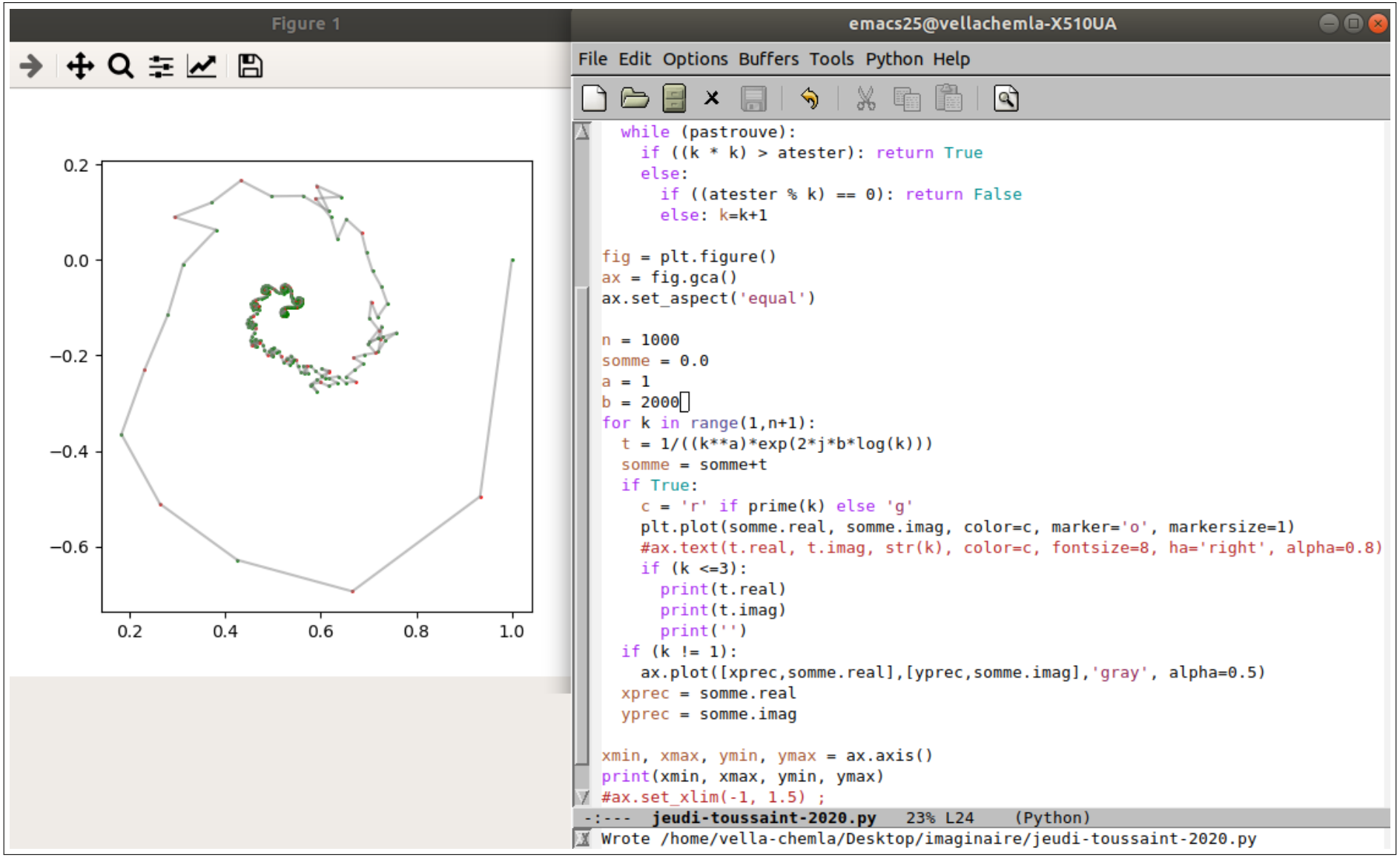
Figure 1
0.2
0.0
−0.2
−0.4
−0.6
0.2
0.4
0.6
0.8
1.0
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 2000
for k in range(1,n+1):
t = 1/((k**a)*exp(2*j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

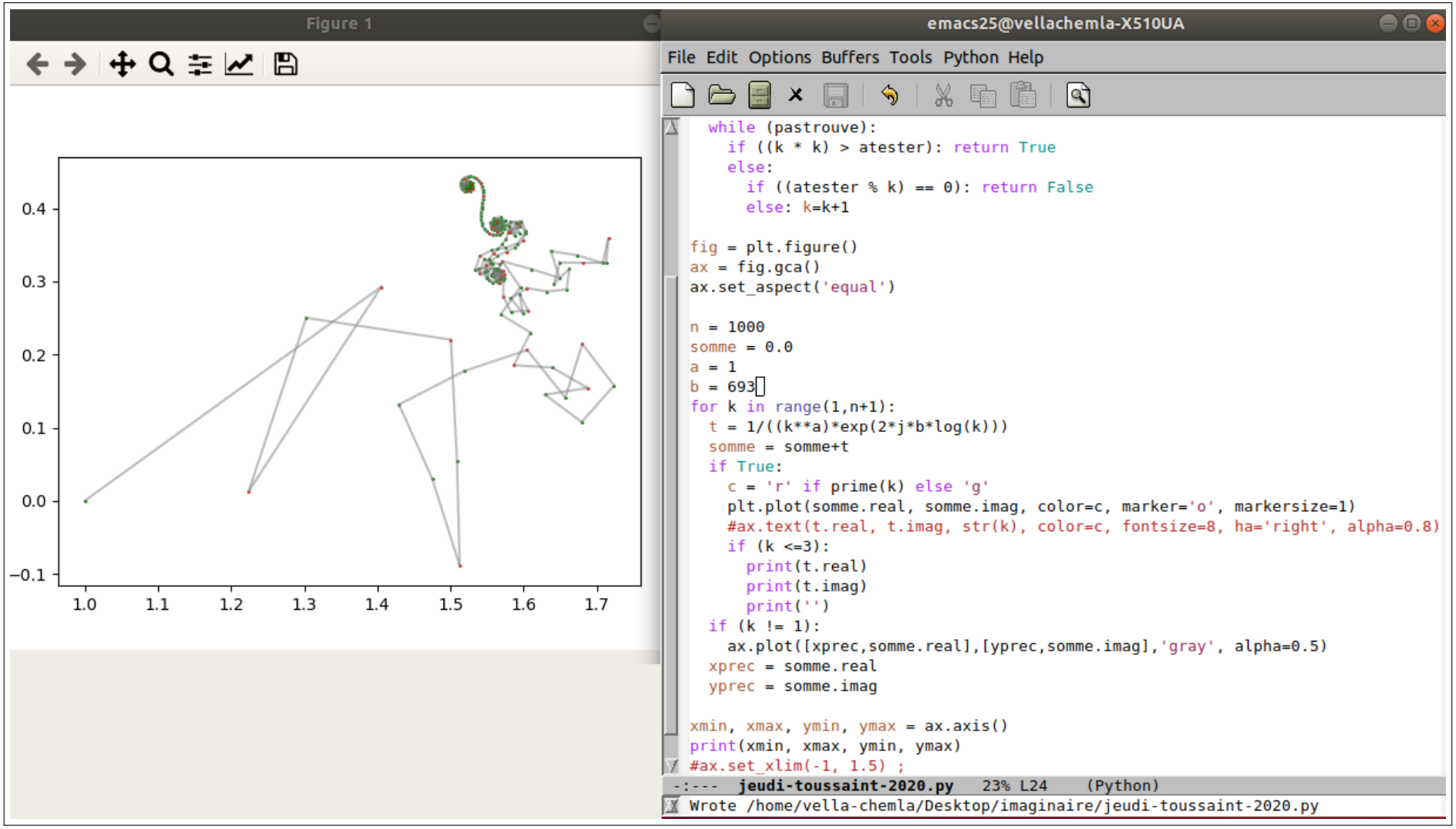
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
0.4
0.3
0.2
0.1
0.0
−0.1
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 693
for k in range(1,n+1):
t = 1/((k**a)*exp(2*j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,somme.real],[yprec,somme.imag],'gray', alpha=0.5)
xprec = somme.real
yprec = somme.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

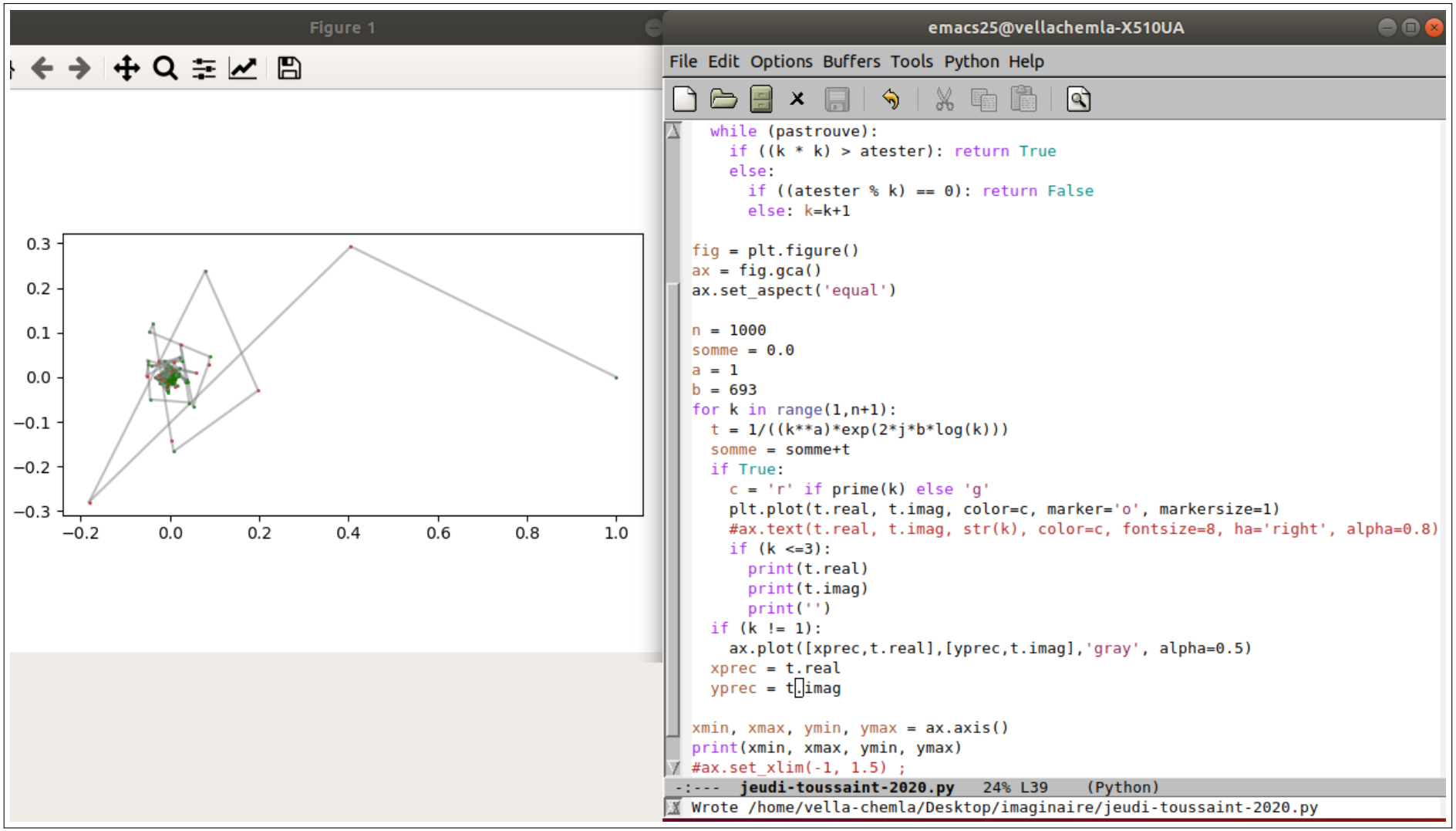
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 1
b = 693
for k in range(1,n+1):
t = 1/((k**a)*exp(2*j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
if (k != 1):
ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 24% L39 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

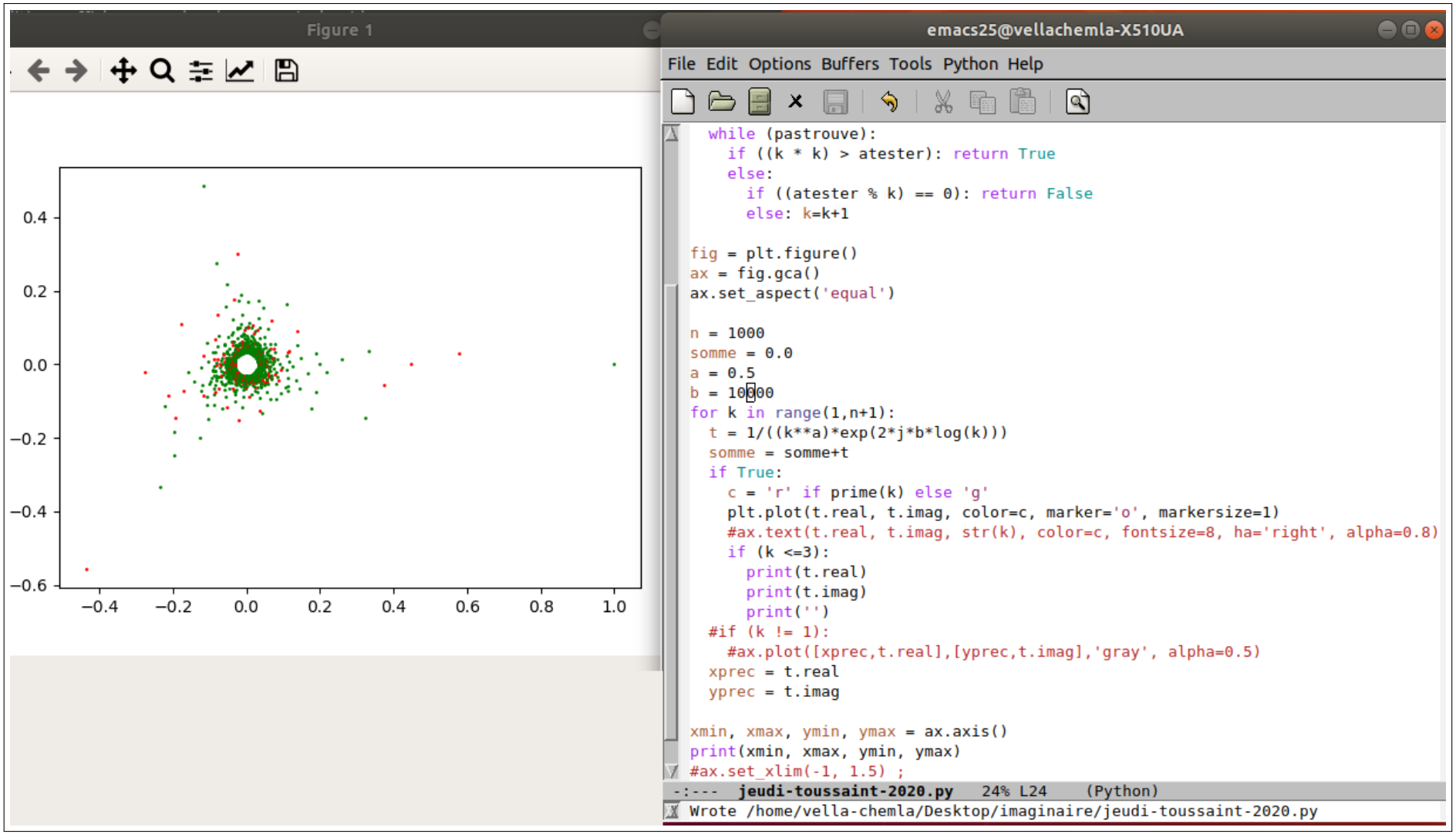
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 0.5
b = 10000
for k in range(1,n+1):
t = 1/((k**a)*exp(2*j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
#if (k != 1):
#ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 24% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0

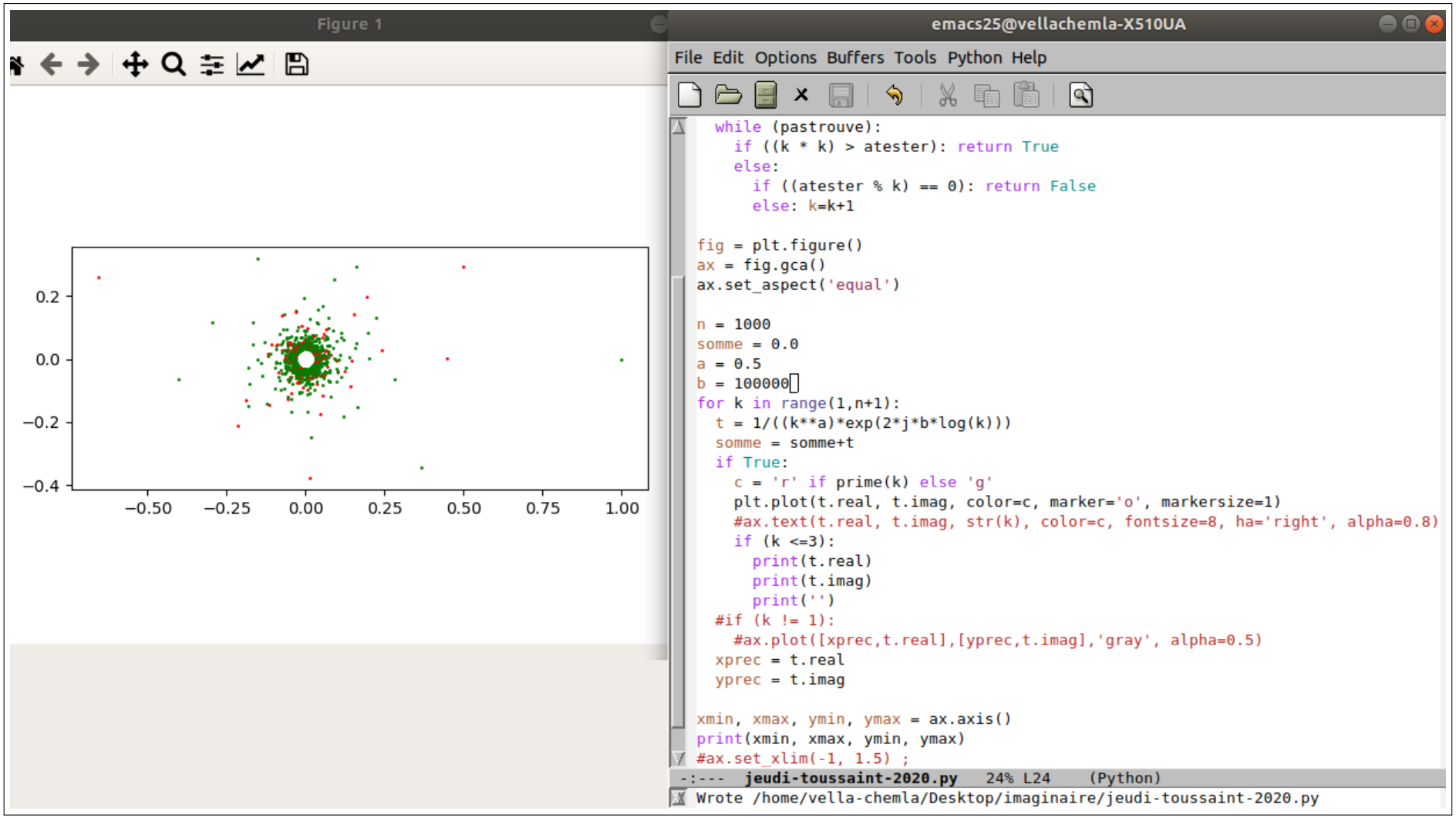
Figure 1
0.2
0.0
−0.2
−0.4
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 0.5
b = 100000
for k in range(1,n+1):
t = 1/((k**a)*exp(2*j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
#if (k != 1):
#ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 24% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

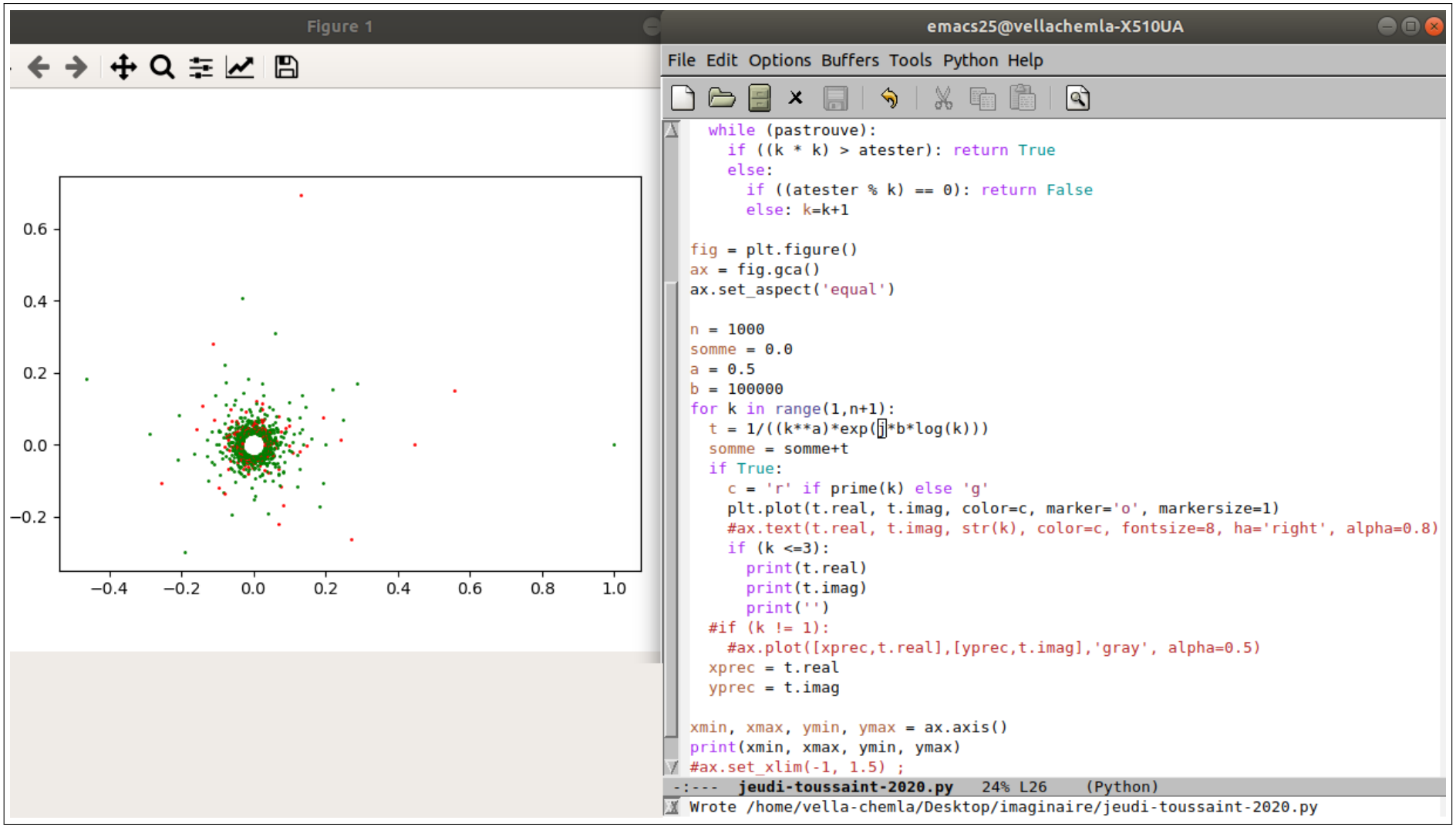
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 0.5
b = 100000
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
#if (k != 1):
#ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 24% L26 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

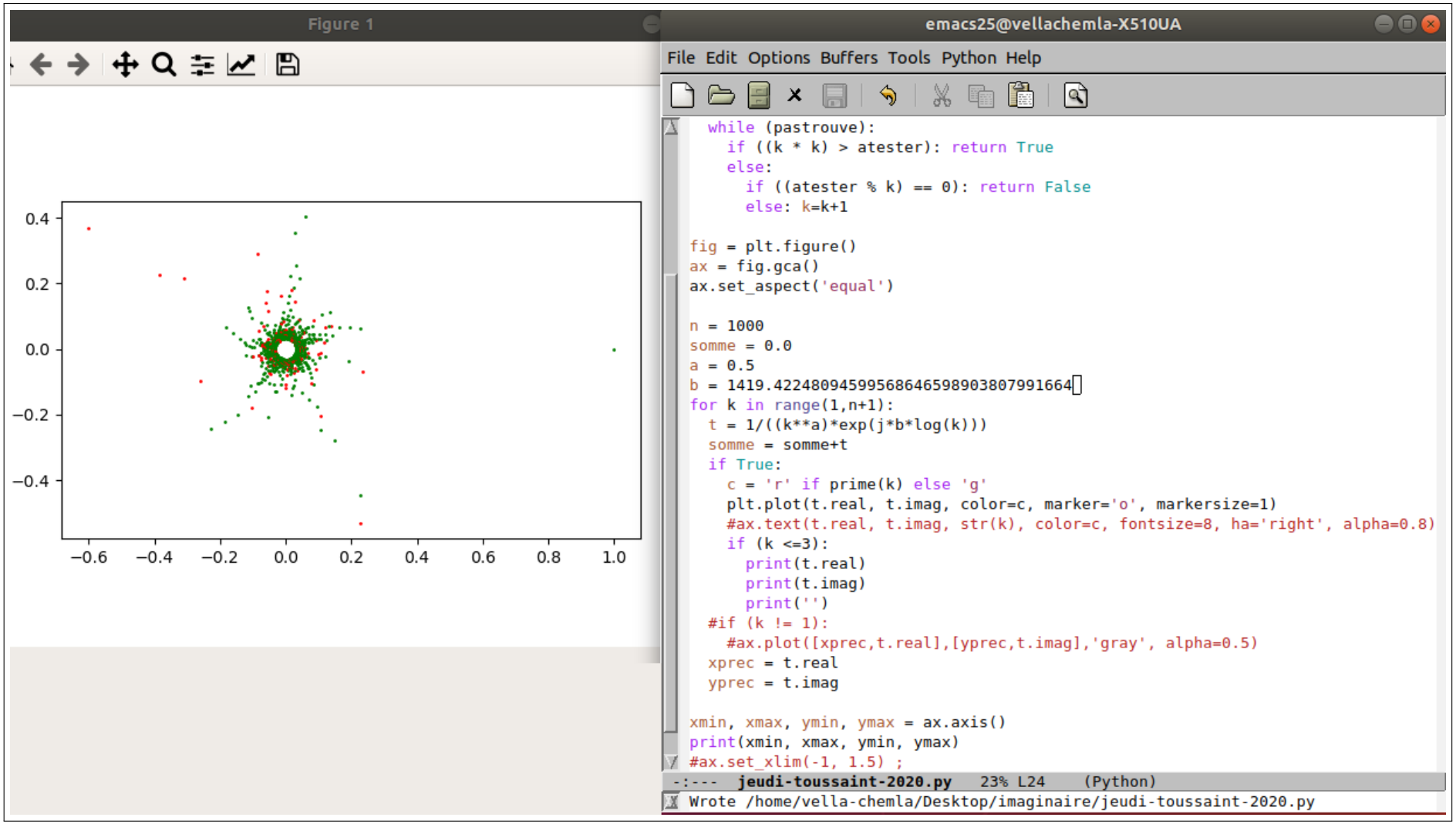
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
0.4
0.2
0.0
−0.2
−0.4
−0.6 −0.4 −0.2 0.0 0.2 0.4 0.6 0.8 1.0
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 0.5
b = 1419.42248094599568646598903807991664
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(t.real, t.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
#if (k != 1):
#ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L24 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py

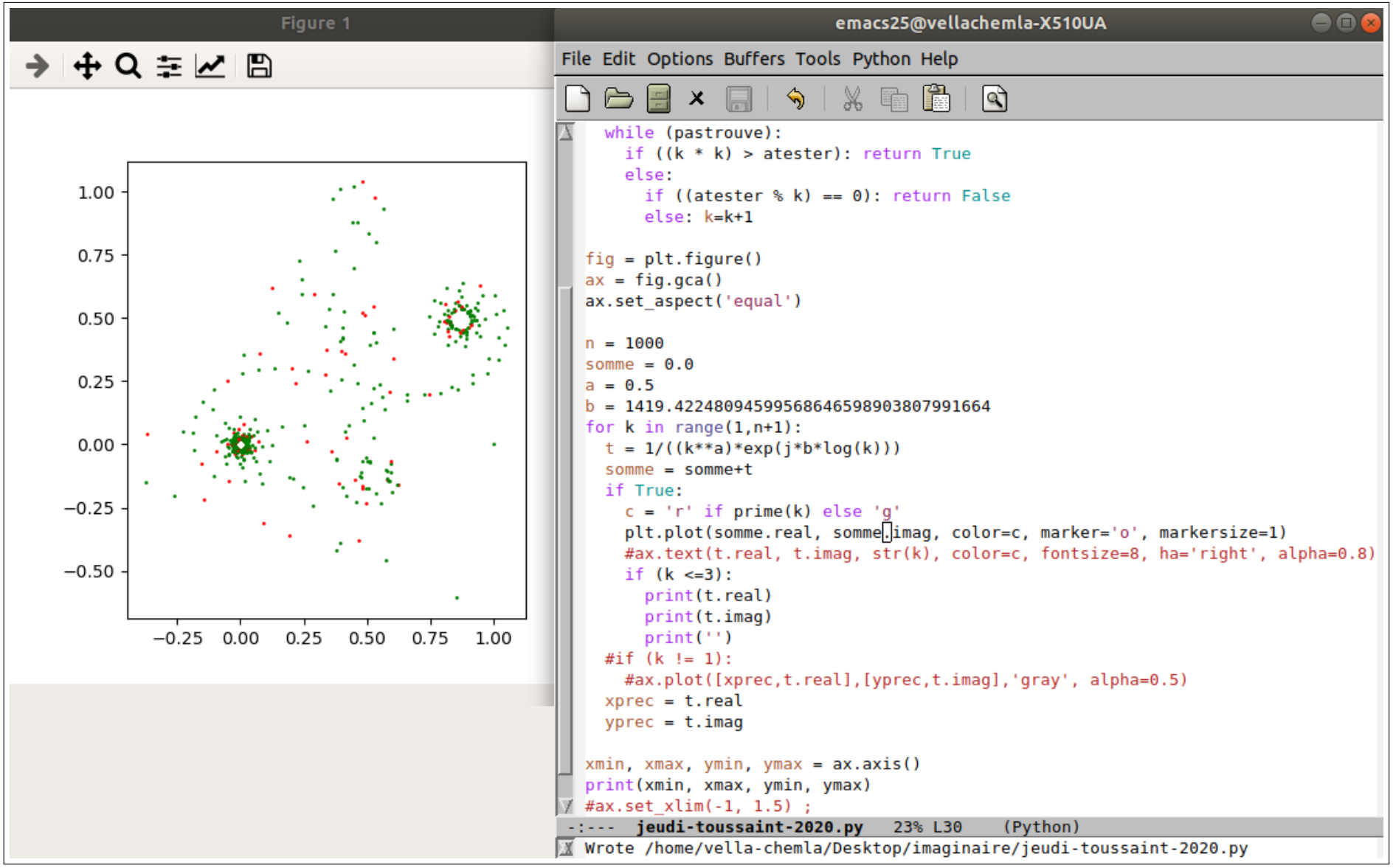
Figure 1
emacs25@vellachemla-X510UA
File Edit Options Buffers Tools Python Help
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.25 0.00 0.25 0.50 0.75 1.00
while (pastrouve):
if ((k * k) > atester): return True
else:
if ((atester % k) == 0): return False
else: k=k+1
fig = plt.figure()
ax = fig.gca()
ax.set_aspect('equal')
n = 1000
somme = 0.0
a = 0.5
b = 1419.42248094599568646598903807991664
for k in range(1,n+1):
t = 1/((k**a)*exp(j*b*log(k)))
somme = somme+t
if True:
c = 'r' if prime(k) else 'g'
plt.plot(somme.real, somme.imag, color=c, marker='o', markersize=1)
#ax.text(t.real, t.imag, str(k), color=c, fontsize=8, ha='right', alpha=0.8)
if (k <=3):
print(t.real)
print(t.imag)
print('')
#if (k != 1):
#ax.plot([xprec,t.real],[yprec,t.imag],'gray', alpha=0.5)
xprec = t.real
yprec = t.imag
xmin, xmax, ymin, ymax = ax.axis()
print(xmin, xmax, ymin, ymax)
#ax.set_xlim(-1, 1.5) ;
-:--- jeudi-toussaint-2020.py 23% L30 (Python)
Wrote /home/vella-chemla/Desktop/imaginaire/jeudi-toussaint-2020.py