```
[Pavithrans-MacBook-Pro:chflow pavithran$ ./chflow.sh
>> chan rand 0.2
Note: the current channel is in the "krauss" representation.
>> chrep choi
>> chprint
Choi representation
[[ 0.453+0.j     0.045-0.082j -0.063-0.093j  0.352+0.034j]
 [ 0.045+0.082j  0.098+0.j     0.025-0.031j -0.036+0.082j]
 [-0.063+0.093j  0.025+0.031j  0.047+0.j    -0.045+0.082j]
 [ 0.352-0.034j -0.036-0.082j -0.045-0.082j  0.402+0.j   ]]
xxxxxx
>> chrep krauss
>> chprint
Krauss representation
E_1
[[ 0.916-0.j    -0.119+0.21j ]
 [ 0.030+0.214j  0.843-0.096j]]
E_2
[[ 0.220+0.067j -0.038+0.044j]
 [ 0.357+0.j    -0.263+0.045j]]
E_3
[[-0.066+0.105j  0.176-0.j   ]
 [ 0.124-0.077j  0.106-0.047j]]
E_4
[[ 0.004-0.001j  0.009-0.j   ]
 [-0.004+0.004j -0.003+0.003j]]
xxxxxx
>> chrep chi
>> chprint
Chi representation
[[ 0.78+0.0j -0.0497+0.17j -0.00539-0.0584j  0.0256+0.0344j]
 [-0.0497-0.17j  0.0969+0.0j -0.0305-0.0256j  0.0316-0.00539j]
 [-0.00539+0.0584j -0.0305+0.0256j  0.0474+0.0j -0.00575+0.0497j]
 [ 0.0256-0.0344j  0.0316+0.00539j -0.00575-0.0497j  0.0754+0.0j]]
xxxxxx
>> chrep process
>> chprint
Pauli Liouville representation
[[ 1.0+0.0j -8.99e-18+0.0j -3.3e-16+0.0j -1.21e-18+0.0j]
 [-0.199+0.0j  0.754+0.0j -0.13+0.0j -0.0536+0.0j]
 [-0.0216+0.0j  0.00768+0.0j  0.655+0.0j -0.351+0.0j]
 [ 0.103+0.0j  0.18+0.0j  0.328+0.0j  0.711+0.0j]]
xxxxxx
>> chrep choi
>> chprint
Choi representation
[[ 0.453+0.j    -0.063-0.093j  0.045-0.082j  0.352+0.034j]
 [-0.063+0.093j  0.047+0.j     0.025+0.031j -0.045+0.082j]
 [ 0.045+0.082j  0.025-0.031j  0.098+0.j    -0.036+0.082j]
 [ 0.352-0.034j -0.045-0.082j -0.036-0.082j  0.402+0.j   ]]
xxxxxx
>> 
```