```
 1 as np, time
 2 .005,0.002; M=2*N//3
 3 freq(N,1/N); Kz=k[None,None
 4 freq(N,1/N)[:,None,None]; 
 5 st_to(Kx,(N,N,N//2+1)); Ky=
 6 st_to(Kz,(N,N,N//2+1))
 7 Kx)>=M)|(np.abs(Ky)>=M)|(n
 8
 9 (0,2*np.pi,N,endpoint=Fals
10 grid(x,x,x,indexing='ij')
11 p.sin(X)*np.cos(Y)*np.cos(
12
13 urn 0.5*np.sum(u[0]**2+u[1
14
15 RALCORE320 — N={N}³ — FINA
16 al energy: {E(u):.10f} | t
17 np.random.randn(N,N,N)); t
18
19
20
21 .rfftn(u[i]) for i in rang
22 re(mask,0j,h) for h in uha
23 fftn(1j*(Ky*uhat[2]-Kz*uha
24 fftn(1j*(Kz*uhat[0]-Kx*uha
25 fftn(1j*(Kx*uhat[1]-Ky*uha
26 .fft.irfftn(h) for h in uha
27 rfftn(    uz-w2*uy),-np.fft
```