Fuzzy Logic based adaptive phase information preserved de-speckled filter for dual polarized SAR data

SK Daud Hassan¹, Debanka Pal², Sriparna Banerjee³ and Sheli Sinha Chaudhuri⁴

skhassandaud17@gmail.com¹, debankapal3@gmail.com², sriparnatinni@yahoo.in³ and shelism@rediffmail.com⁴

Source code:

```
#importing all the required libraries
       from datetime import datetime
       start time = datetime.now()
       import scipy.io as sio
       import os
 COPYRIGHTOFFICEPY as np
     NEW DELFKlearn. feature extraction import image
Reg. No. - 50 m 650 p 2023 ib import pyplot as plt
Date 1405 My St skfuzzy as fuzz
       from skfuzzy import control as ctrl
       from matplotlib import pyplot as plt
       from skimage import io
       wsize=5 #window size as 5
       total=[]
       size= 500 #work with 500*500 image patch
       defuzz values= np.zeros((size, size))
       names ea= ['/Stokes1 A new.mat','/Stokes1 phi new.mat','/lambda new.mat
       '] #these .mat files are related to ALOS PALSAR 1.1 satellite data
       key=['a']
       for i in range(len(names ea)):
               total.append((sio.loadmat(os.getcwd()+names ea[i])[key[0]][0:si
       ze, 0:size]))
       print(len(total))
       mdiff amplitude= np.amax(total[0][:,:])-
       np.amin(total[0][:,:]) #dynamic range for amplitude
       mdiff phase= np.amax(total[1][:,:])-
       np.amin(total[1][:,:]) #dynamic range for phase
       mdiff_lambda= np.amax(total[2][:,:])-
       np.amin(total[2][:,:]) #dynamic range for lambda
       mship amplitude = ctrl.Antecedent(np.linspace(0, mdiff amplitude, num=100,
               :=True), 'mship amplitude') #creating universe of discourse for
               le
```





```
mship phase = ctrl.Antecedent(np.linspace(0,mdiff phase,num=100,endpoin
       t=True), 'mship phase') #creating universe of discourse for phase
       mship lambda = ctrl.Antecedent(np.linspace(0,mdiff lambda,num=100,endpo
       int=True), 'mship lambda') #creating universe of discourse for lambda
       wt = ctrl.Consequent(np.linspace(0,1,num=100,endpoint=True), 'wt') ##cr
       eating universe of discourse for output weight
       #To ensure the ouput dimension remain same
       amplitude= np.pad(total[0][:,:],int(wsize//2),mode='median')
       phase= np.pad(total[1][:,:],int(wsize//2),mode='median')
       lamb = np.pad(total[2][:,:],int(wsize//2),mode='median')
       #dividing the amplitude , phase and lambda into overlapping patches
       amplitude= image.extract patches 2d(amplitude, (wsize,wsize))
       phase= image.extract patches 2d(phase, (wsize, wsize))
       lamb= image.extract patches 2d(lamb, (wsize, wsize))
 COPYRIGHT OFFICE ematical expression for a Gaussian function is given by
NEW DELH) = exp
Reg. No. - SW-16607/2023
                  \exp\{-0.5*[(x - cj) / \sigma j]2\}
Date 14/05/2023
                     3, 4, 5},
       # c is the center of the peak,
       # \sigma = 0.5*(cj-cj-1) / \sqrt{[-2*ln(†)]}, determines the width of the curve,
       # + = crossing point of adjacent MFs (default for + is 0.5).
       # To determine the centers, cj, you need to compute the sub-
       interval between each peak, (cj- cj-1), where the 5 fuzzy sets are unif
       ormly distributed to cover the domain of e:
       # n = number of MFs,
       # range = b - a,
       # partition = n - 1,
       # sub-interval = range / partition.
       # For example, if the universe of discourse for "ERROR" would be the in
       terval [-5, 5], then the sub-
       interval = 10 / 4 = 2.5, and the centers would be \{-5, -2.5, 0, 2.5, 5\}.
       # The standard deviation, \sigma = 0.5*(2.5) / \sqrt{[-2*ln(0.5)]} \approx 1.06165.
       #calculating the width of the gaussian curve
       sdl = 0.5*mdiff amplitude/(np.sqrt(-2*np.log(0.5))*4)
       sd2= 0.5*mdiff phase/(np.sqrt(-2*np.log(0.5))*4)
       sd3 = 0.5 * mdiff lambda/(np.sqrt(-2*np.log(0.5))*4)
       sd4 = 0.5*1/(np.sqrt(-2*np.log(0.5))*4)
       11 11 11
       מוזים דוז
                -> Very Low First Variable Difference [ VLDPD]
               Now First Variable Difference [LDPD]
               verage First variable DIfference [ADPD]
```

```
VHFVD - Very High FIrst Variable Difference [VHDPD]
       HFVD - HIgh First Variable Difference [HDPD]
               -> Very Low Second Variable Difference [VLSDD]
       VLSVD
       LSVD - Low Second Variable Difference [LSDD]
       ASVD = Average Second variable DIfference [ASDD]
       VHSVD - Very High Second Variable Difference [VHSDD]
       HSVD - HIgh Second Variable Difference [HSDD]
              -> Very Low Third Variable Difference [VLSPD]
       VLTVD
       LTVD - Low Third Variable Difference [LSPD]
       ATVD = Average Third variable DIfference [ASPD]
       VHTVD - Very High Third Variable Difference [VHSPD]
       HTVD - HIgh Third Variable Difference [HSPD]
       VLW - Very Low Weight
 COPYRIGHT OFFICE eight
    NEWWDELMberage Weight
Reg. No. 18W-16607/2023 ght
Date 14/05/2023
VAW - VEry High Weight
       mship amplitude['VLFVD'] = fuzz.gaussmf(mship amplitude.universe, 0.01,
       mship amplitude['LFVD'] = fuzz.gaussmf(mship amplitude.universe, 0.2, s
       mship amplitude['AFVD'] = fuzz.gaussmf(mship amplitude.universe, 0.4, s
       d1)
       mship amplitude['HFVD'] = fuzz.gaussmf(mship amplitude.universe, 0.6, s
       mship amplitude['VHFVD'] = fuzz.gaussmf(mship amplitude.universe, 0.8,
       sd1)
       mship phase['VLSVD'] = fuzz.gaussmf(mship phase.universe, 0.01, sd2)
       mship phase['LSVD'] = fuzz.gaussmf(mship phase.universe, 0.2, sd2)
       mship phase['ASVD'] = fuzz.gaussmf(mship phase.universe, 0.4, sd2)
       mship phase['HSVD'] = fuzz.gaussmf(mship phase.universe, 0.6, sd2)
       mship phase['VHSVD'] = fuzz.gaussmf(mship phase.universe, 0.8, sd2)
       mship lambda['VLTVD'] = fuzz.gaussmf(mship lambda.universe, 0.01, sd3)
       mship lambda['LTVD'] = fuzz.gaussmf(mship lambda.universe, 0.2, sd3)
       mship lambda['ATVD'] = fuzz.gaussmf(mship lambda.universe, 0.4, sd3)
       mship lambda['HTVD'] = fuzz.gaussmf(mship lambda.universe, 0.6, sd3)
       mship lambda['VHTVD'] = fuzz.gaussmf(mship lambda.universe, 0.8, sd3)
               ] = fuzz.gaussmf(wt.universe, 0.01, sd4)
                = fuzz.gaussmf(wt.universe, 0.2, sd4)
```

```
wt['HW'] = fuzz.gaussmf(wt.universe, 0.6, sd4)
       wt['VHW'] = fuzz.gaussmf(wt.universe, 0.8, sd4)
       # You can see how these look with .view()
       mship amplitude['VLFVD'].view()
       mship phase['VLSVD'].view()
       mship lambda['VLTVD'].view()
       wt['VLW'].view()
       .....
 COPYRIGHT OFFICE of fuzzy rules wrt to antecedent and consequent membership v
    NEW BECHI
Reg. No. - SW-16507/2023
Date 14052727 = ctrl.Rule(mship_amplitude['VLFVD'] &mship_phase['VLSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule2 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VLSVD'] &mship
       lambda['LTVD'], wt['VHW'])
       rule3 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VLSVD'] &mship
       lambda['ATVD'], wt['VHW'])
       rule4 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VLSVD'] &mship
       lambda['HTVD'], wt['VHW'])
       rule5 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VLSVD'] &mship
       lambda['VHTVD'], wt['VHW'])
       rule6 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['LSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule7 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['LSVD'] &mship
       lambda['LTVD'], wt['VHW'])
       rule8 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['LSVD'] &mship
       lambda['ATVD'], wt['VHW'])
       rule9 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['LSVD'] &mship
       lambda['HTVD'], wt['HW'])
       rule10 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['LSVD'] &mship
       lambda['VHTVD'], wt['HW'])
       rule11 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['ASVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule12 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['ASVD'] &mship
       lambda['LTVD'], wt['HW'])
              : ctrl.Rule(mship amplitude['VLFVD'] &mship phase['ASVD'] &mship
              ['ATVD'], wt['AW'])
```

wt['AW'] = fuzz.gaussmf(wt.universe, 0.4, sd4)

```
rule14 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['ASVD'] &mship
       lambda['HTVD'], wt['AW'])
       rule15 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['ASVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule16 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['HSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule17 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['HSVD'] &mship
       lambda['LTVD'], wt['AW'])
       rule18 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['HSVD'] &mship
       lambda['ATVD'], wt['AW'])
       rule19 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['HSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule20 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['HSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule21 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VHSVD'] &mshi
 COPYRISHTARFELQEVLTVD'], wt['HW'])
    NEW TEXT = ctrl. Rule (mship amplitude ['VLFVD'] &mship_phase['VHSVD'] &mshi
Reg. No. - SW-15607/2023
Date 14/06/2023
       rule23 = ctrl. Rule(mship amplitude['VLFVD'] &mship phase['VHSVD'] &mshi
       p lambda['ATVD'], wt['AW'])
       rule24 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VHSVD'] &mshi
       p lambda['HTVD'], wt['AW'])
       rule25 = ctrl.Rule(mship amplitude['VLFVD'] &mship phase['VHSVD'] &mshi
       p lambda['VHTVD'], wt['AW'])
       rule26 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VLSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule27 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VLSVD'] &mship
       lambda['LTVD'], wt['VHW'])
       rule28 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VLSVD'] &mship
       lambda['ATVD'], wt['VHW'])
       rule29 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VLSVD'] &mship
       lambda['HTVD'], wt['HW'])
       rule30 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VLSVD'] &mship
       lambda['VHTVD'], wt['AW'])
       rule31 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['LSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule32 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['LSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule33 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['LSVD'] &mship
       lambda['ATVD'], wt['HW'])
              ctrl.Rule(mship amplitude['LFVD'] &mship phase['LSVD'] &mship
               HTVD'], wt['HW'])
```

```
rule35 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['LSVD'] &mship
       lambda['VHTVD'], wt['AW'])
       rule36 = ctrl.Rule(mship_amplitude['LFVD'] &mship_phase['ASVD'] &mship_
       lambda['VLTVD'], wt['HW'])
       rule37 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['ASVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule38 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['ASVD'] &mship
       lambda['ATVD'], wt['AW'])
       rule39 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['ASVD'] &mship
       lambda['HTVD'], wt['AW'])
       rule40 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['ASVD'] &mship
       lambda['VHTVD'], wt['AW'])
       rule41 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['HSVD'] &mship
       lambda['VLTVD'], wt['HW'])
       rule42 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['HSVD'] &mship
 COPYRIGHTOSTFICEVD'], wt['HW'])
    NEW DE45 = ctrl. Rule(mship amplitude['LFVD'] &mship_phase['HSVD'] &mship_
Reg. No. - SW-16507/2023
Date 14/05/2023
       rule44 = ctrl. Rule(mship amplitude['LFVD'] &mship phase['HSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule45 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['HSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule46 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VHSVD'] &mship
       lambda['VLTVD'], wt['HW'])
       rule47 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VHSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule48 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VHSVD'] &mship
       lambda['ATVD'], wt['AW'])
       rule49 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VHSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule50 = ctrl.Rule(mship amplitude['LFVD'] &mship phase['VHSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule51 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VLSVD'] &mship
       lambda['VLTVD'], wt['VHW'])
       rule52 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VLSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule53 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VLSVD'] &mship
       lambda['ATVD'], wt['HW'])
       rule54 = ctrl.Rule(mship amplitude['AFVD'] &mship_phase['VLSVD'] &mship
        lambda['HTVD'], wt['AW'])
              ctrl.Rule(mship amplitude['AFVD'] &mship phase['VLSVD'] &mship
               'VHTVD'], wt['LW'])
```

```
rule56 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['LSVD'] &mship
       lambda['VLTVD'], wt['HW'])
       rule57 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['LSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule58 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['LSVD'] &mship
       lambda['ATVD'], wt['HW'])
       rule59 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['LSVD'] &mship
       lambda['HTVD'], wt['AW'])
       rule60 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['LSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule61 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['ASVD'] &mship
       lambda['VLTVD'], wt['HW'])
       rule62 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['ASVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule63 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['ASVD'] &mship
       lambda['ATVD'], wt['AW'])
 COPYRIGHTEOFFICEtrl. Rule (mship amplitude ['AFVD'] &mship phase ['ASVD'] &mship
    NE Tambua ['HTVD'], wt['AW'])
Reg. No. - SW-16507/2023 | Rule (mship_amplitude['AFVD'] &mship_phase['ASVD'] &mship_
        Lambda['VHTVD'], wt['LW'])
       rule66 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['HSVD'] &mship
       lambda['VLTVD'], wt['AW'])
       rule67 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['HSVD'] &mship
       lambda['LTVD'], wt['AW'])
       rule68 = ctrl.Rule(mship amplitude['AFVD'] &mship_phase['HSVD'] &mship_
       lambda['ATVD'], wt['AW'])
       rule69 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['HSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule70 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['HSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule71 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VHSVD'] &mship
       lambda['VLTVD'], wt['AW'])
       rule72 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VHSVD'] &mship
       lambda['LTVD'], wt['AW'])
       rule73 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VHSVD'] &mship
       lambda['ATVD'], wt['LW'])
       rule74 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VHSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule75 = ctrl.Rule(mship amplitude['AFVD'] &mship phase['VHSVD'] &mship
       lambda['VHTVD'], wt['LW'])
```



ctrl.Rule(mship_amplitude['HFVD'] &mship_phase['VLSVD'] &mship
['VLTVD'], wt['HW'])



```
rule77 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VLSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule78 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VLSVD'] &mship
       lambda['ATVD'], wt['AW'])
       rule79 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VLSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule80 = ctrl.Rule(mship_amplitude['HFVD'] &mship phase['VLSVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule81 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['LSVD'] &mship
       lambda['VLTVD'], wt['HW'])
       rule82 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['LSVD'] &mship
       lambda['LTVD'], wt['HW'])
       rule83 = ctrl.Rule(mship amplitude['HFVD'] &mship_phase['LSVD'] &mship_
       lambda['ATVD'], wt['AW'])
       rule84 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['LSVD'] &mship
       lambda['HTVD'], wt['LW'])
 COPYRIGHTERFFICEtrl.Rule(mship amplitude['HFVD'] &mship_phase['LSVD'] &mship_
    NETambda['VHTVD'], wt['LW'])
Reg. No. - SW-16607/2023
Date 14/05/2023
              <del>= ctrl.</del>Rule(mship amplitude['HFVD'] &mship phase['ASVD'] &mship
       lambda['VLTVD'], wt['AW'])
       rule87 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['ASVD'] &mship
       lambda['LTVD'], wt['AW'])
       rule88 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['ASVD'] &mship
       lambda['ATVD'], wt['LW'])
       rule89 = ctrl.Rule(mship amplitude['HFVD'] &mship_phase['ASVD'] &mship_
       lambda['HTVD'], wt['LW'])
       rule90 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['ASVD'] &mship
       lambda['VHTVD'], wt['LW'])
       rule91 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['HSVD'] &mship
       lambda['VLTVD'], wt['AW'])
       rule92 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['HSVD'] &mship
       lambda['LTVD'], wt['LW'])
       rule93 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['HSVD'] &mship
       lambda['ATVD'], wt['LW'])
       rule94 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['HSVD'] &mship
       lambda['HTVD'], wt['LW'])
       rule95 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['HSVD'] &mship
       lambda['VHTVD'], wt['VLW'])
       rule96 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VHSVD'] &mship
       lambda['VLTVD'], wt['AW'])
       rule97 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VHSVD'] &mship
        lambda['LTVD'], wt['LW'])
              ctrl.Rule(mship amplitude['HFVD'] &mship phase['VHSVD'] &mship
               'ATVD'], wt['LW'])
```

```
lambda['HTVD'], wt['VLW'])
       rule100 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VHSVD'] &mshi
       p_lambda['VHTVD'], wt['VLW'])
       rule101 = ctrl.Rule(mship_amplitude['VHFVD'] &mship_phase['VLSVD'] &msh
       ip lambda['VLTVD'], wt['HW'])
       rule102 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VLSVD'] &msh
       ip lambda['LTVD'], wt['HW'])
       rule103 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VLSVD'] &msh
       ip lambda['ATVD'], wt['AW'])
       rule104 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VLSVD'] &msh
       ip lambda['HTVD'], wt['AW'])
       rule105 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VLSVD'] &msh
       ip lambda['VHTVD'], wt['AW'])
 COPYRIGHT OFFICE
    NEWLOSLUB = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['LSVD'] &mshi
Reg. No. 5 Walloud [2021 VD'], wt['HW'])
Date 14/05/2023 . Rule (mship_amplitude['VHFVD'] &mship_phase['LSVD'] &mshi
       p lambda['LTVD'], wt['HW'])
       rule108 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['LSVD'] &mshi
       p lambda['ATVD'], wt['AW'])
       rule109 = ctrl.Rule(mship_amplitude['VHFVD'] &mship_phase['LSVD'] &mshi
       p lambda['HTVD'], wt['LW'])
       rule110 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['LSVD'] &mshi
       p lambda['VHTVD'], wt['LW'])
       rule111 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['ASVD'] &mshi
       p lambda['VLTVD'], wt['AW'])
       rule112 = ctrl.Rule(mship amplitude['VHFVD'] &mship_phase['ASVD'] &mshi
       p lambda['LTVD'], wt['AW'])
       rule113 = ctrl.Rule(mship_amplitude['VHFVD'] &mship_phase['ASVD'] &mshi
       p lambda['ATVD'], wt['AW'])
       rule114 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['ASVD'] &mshi
       p lambda['HTVD'], wt['LW'])
       rule115 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['ASVD'] &mshi
       p lambda['VHTVD'], wt['LW'])
       rule116 = ctrl.Rule(mship_amplitude['VHFVD'] &mship_phase['HSVD'] &mshi
       p lambda['VLTVD'], wt['LW'])
       rule117 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['HSVD'] &mshi
       p lambda['LTVD'], wt['LW'])
       rule118 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['HSVD'] &mshi
       p lambda['ATVD'], wt['LW'])
               = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['HSVD'] &mshi
               ['HTVD'], wt['VLW'])
```

rule99 = ctrl.Rule(mship amplitude['HFVD'] &mship phase['VHSVD'] &mship

```
p lambda['VHTVD'], wt['VLW'])
       rule121 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VHSVD'] &msh
       ip lambda['VLTVD'], wt['LW'])
       rule122 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VHSVD'] &msh
       ip lambda['LTVD'], wt['LW'])
       rule123 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VHSVD'] &msh
       ip lambda['ATVD'], wt['LW'])
       rule124 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VHSVD'] &msh
       ip lambda['HTVD'], wt['VLW'])
       rule125 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['VHSVD'] &msh
       ip lambda['VHTVD'], wt['VLW'])
 COPYRIGHT DEFICE iew ()
     NEW DELH = ctrl.ControlSystem([rule1, rule2, rule3, rule4, rule5, rule6,
Reg. No. -rule<sup>1,5607</sup>/<sub>2</sub> rule<sup>2</sup>, rule<sup>3</sup>, rule<sup>3</sup>, rule<sup>3</sup>,
Date 14/05/2023
                                            rule11, rule12, rule13, rule14, rule
       15, rule16, rule17, rule18, rule19,
                                             rule20, rule21, rule22, rule23, rule2
       4, rule25,
                                      rule26, rule27, rule28, rule29, rule30, ru
       le31, rule32, rule33, rule34, rule35,
                                             rule36, rule37, rule38, rule39, rule
       40, rule41, rule42, rule43, rule44,
                                             rule45, rule46, rule47, rule48, rule4
       9, rule50,
                                      rule51, rule52, rule53, rule54, rule55, ru
       le56, rule57, rule58, rule59, rule60,
                                             rule61, rule62, rule63, rule64, rule
       65, rule66, rule67, rule68, rule69,
                                             rule70, rule71, rule72, rule73, rule7
       4, rule75,
                                      rule76, rule77, rule78, rule79, rule80, ru
       le81, rule82, rule83, rule84, rule85,
                                             rule86, rule87, rule88, rule89, rule
       90, rule91, rule92, rule93, rule94,
                                             rule95, rule96, rule97, rule98, rule9
       9, rule100,
                                      rule101, rule102, rule103, rule104, rule10
       5, rule106, rule107, rule108, rule109, rule110,
                                            rule111, rule112, rule113, rule114,
       rule115. rule116, rule117, rule118, rule119,
                                             rule120, rule121, rule122, rule123, r
                rule125])
                low','low','medium','high','very high']
```

rule120 = ctrl.Rule(mship amplitude['VHFVD'] &mship phase['HSVD'] &mshi

```
a=['very small','small','average','large','very large']
       r=['very large weight','largeweight','averageweight','small weight']
       11 11 11
           Method of defuzzification
       defuzz=[]
       for i in range(amplitude.shape[0]):
         diff amplitude= np.abs(amplitude[i,:,:]-
       amplitude[i, wsize//2, wsize//2])
         diff phase= np.abs(phase[i,:,:]-phase[i,wsize//2,wsize//2])
         diff lambda= np.abs(lamb[i,:,:]-lamb[i,wsize//2,wsize//2])
         r all = ctrl.ControlSystemSimulation(r ctrl)
         r all.input['mship amplitude'] = diff amplitude#pixel of amplitude
         r all.input['mship phase'] = diff phase#pixel of phase
         r all.input['mship lambda'] = diff lambda#pixel of lambda
 COPYRIGHT OFFICEmpute()
    NEW QELFunch the numbers
Reg. No. - SW-16607/2023 | defuzz[i]=r_all.output['wt']
          <del>defuzz.appen</del>d(r all.output['wt'])
                    # print (r all.output['randomness'])
         # randomness.view(sim=r all)
       #filter noisy image based on defuzzified values
       pau rgb= plt.imread(os.getcwd()+'/RGB1 nosiy 0.5.jpg')[0:size,0:size] #
       pauli image is generated using polsarpro
       pau rpatches= np.pad(pau rgb,int(wsize//2),mode='median')
       #pau gpatches= np.pad(pau rgb[:,:,1],int(wsize//2),mode='median')
       #pau bpatches= np.pad(pau rgb[:,:,2],int(wsize//2),mode='median')
       plt.imshow(pau rgb,cmap=plt.cm.gray)
       pau rpatches= image.extract patches 2d(pau rpatches, (wsize, wsize))
       #pau gpatches= image.extract patches 2d(pau gpatches, (wsize, wsize))
       #pau bpatches= image.extract patches 2d(pau bpatches, (wsize,wsize))
       for i in range(pau rpatches.shape[0]):
         wavg r= np.sum(defuzz[i]*pau rpatches[i]/wsize**2)
         if wavq r!=0:
           std= np.std(defuzz[i]*pau rpatches[i])
           enls= (wavg r/std)**2
           sx2= ((enls*std**2)-wavg r**2)/(enls+1)
           xcap= wavg r + (sx2*(pau rpatches[i,wsize//2,wsize//2]-
       wavg r)/(sx2+(wavg r**2/enls)))
           pau rpatches[i,wsize//2,wsize//2] = xcap
         final= pau rpatches[:,wsize//2,wsize//2].reshape(size,size)
               iow(final,cmap=plt.cm.gray)
               re(os.getcwd()+'/RGB1 nosiy 0.5 gaussf.jpg',final)
```

```
time_elapsed = datetime.now() - start_time
print('Time elapsed (hh:mm:ss.ms) {}'.format(time_elapsed))
```

Object code:

_configcpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	3 KB
_configpy	24-03-2022 03:51 PM	Python Source File	6 KB
🙋 _initcpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	1 KB
initcython-30.pxd	24-03-2022 03:51 PM	PXD File	37 KB
initpxd	24-03-2022 03:51 PM	PXD File	35 KB
initpy	15-10-2018 03:21 AM	Python Source File	1 KB
■ _initpyi	02-04-2022 07:23 PM	Python Source File	14 KB
_add_newdocs.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	177 KB
_add_newdocs.py	24-03-2022 03:51 PM	Python Source File	200 KB
_add_newdocs_scalars.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	9 KB
_add_newdocs_scalars.py	24-03-2022 03:51 PM	Python Source File	11 KB
COPYRIGHT CEPHISE cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	27 KB
NEW DE MAP bject.py	24-03-2022 03:51 PM	Python Source File	42 KB
Reg. No 30/44165,07/1862310 pyc	24-03-2022 03:51 PM	Compiled Python File	4 KB
Date 14/06/2023 ray.py	24-03-2022 03:51 PM	Python Source File	5 KB
asarray.pyi	24-03-2022 03:51 PM	Python Source File	2 KB
_boost_utils.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
_boost_utils.py	02-04-2022 02:36 PM	Python Source File	1 KB
_bunch.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	7 KB
_bunch.py	02-04-2022 02:36 PM	Python Source File	8 KB
_ccallback.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	7 KB
_ccallback.py	02-04-2022 02:36 PM	Python Source File	7 KB
_ccallback_c.cp310-win_amd64.pyd	02-04-2022 02:36 PM	Python Extension Mo	61 KB





exaction_functions.cpython-310.pyc				
creation_functions.cpython-310.pyc	🧖 _constants.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	1 KB
creation_functions.py	_constants.py	24-03-2022 03:51 PM	Python Source File	1 KB
data_type_functions.cpython-310.pyc 24-03-2022_03.51 PM	_creation_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	9 KB
data_type_functions.py	_creation_functions.py	24-03-2022 03:51 PM	Python Source File	11 KB
dict_vectorizer.ppython-310.pyc	_data_type_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	5 KB
e_dict_vectorizer.py	_data_type_functions.py	24-03-2022 03:51 PM	Python Source File	4 KB
	_dict_vectorizer.cpython-310.pyc	06-02-2023 04:04 PM	Compiled Python File	13 KB
	_dict_vectorizer.py	06-02-2023 04:04 PM	Python Source File	16 KB
distributor_init.py distributor_init.py distributor_init.py 24-03-2022_03:51 PM Python Source File 2 KB docscrape.cpython-310.pyc 02-04-2022_02:36 PM Compiled Python File 19 KB docscrape.cpy docscrape.cpy docscrape.cpy dype.cpython-310.pyc 24-03-2022_03:51 PM Compiled Python File 2 KB dype.cpython-310.pyc 24-03-2022_03:51 PM Compiled Python File 3 KB dype.cytypes.cpython-310.pyc 24-03-2022_03:51 PM Python Source File 11 KB compiled Python File 3 KB dype.cytypes.cpython-310.pyc 24-03-2022_03:51 PM Python Source File 11 KB compiled Python File 3 KB dype.cytypes.cpython-310.pyc 24-03-2022_03:51 PM Compiled Python File 3 KB compiled Python File 4 KB compiled Python File 4 KB compiled Python File 2 KB Reg. No \$300-158588/2023 24-03-2022_03:51 PM Compiled Python File 4 KB compiled Python File 4 KB compiled Python File 5 KB elementwise functions.cpython-310.pyc 24-03-2022_03:51 PM Python Source File 5 KB exceptions.cpython-310.pyc 24-03-2022_03:51 PM Compiled Python File 9 KB fortran.cpython-310.pyc 24-03-2022_03:51 PM Python Source File 9 KB fortran.format.parser.cpython-310.pyc 02-04-2022_02:36 PM Compiled Python File 11 KB fortran.format.parser.cpython-310.pyc 02-04-2022_02:36 PM Python Source File 9 KB fortran.format.parser.cpython-310.pyc 02-04-2022_02:36 PM Python File 3 KB goutilis.cpython-310.pyc 02-04-2022_02:36 PM Python Source File 3 KB globals.cpython-310.pyc 02-04-2022_02:36 PM Python File 3 KB globals.cpython-310.pyc 02-04-2022_02:36 PM Python File 3 KB distributor_init.parser.cpython-310.pyc 02-04-2022_02:36 PM Python Source File 04 KB hash.py 04-04-2022_02:36 PM Python Source File 04 KB hash.py 04-04-2022_02:36 PM Python Source File 04 KB hash.py 04-04-2022_02:36 PM Python Source File 04 KB hash.python-310.pyc 04-04-2022_02:36 PM Python Source File 04 KB internal.pyi 04-03-2022_03:51 PM Python Source File 04 KBB machar.python-310.pyc 04-03-2022_03:51 PM Python Source File 04 KBB mac	_disjoint_set.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	6 KB
☑ cdistributor_init.py 24-03-2022 03:51 PM Python Source File 2 KE ☑ cdocscrape.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 KE ☑ cdocscrape.py 02-04-2022 02:36 PM Python Source File 22 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Compiled Python File 8 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Compiled Python File 3 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Python Source File 4 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Python Source File 4 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Python Source File 4 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Python Source File 4 KE ☑ cdtype.python-310.pyc 24-03-2022 03:51 PM Python Source File 9 KE ☑ cereptions.python-310.pyc 24-03-2022 03:51 PM Python File 9 KE ☑ cereptions.python-310.pyc 24-03-2022 03:51 PM Python Source File 11 KE ☑ fortran.py 24-03-2022 03:51 PM Python File 9 KE ☑ fortran.py	disjoint_set.py	02-04-2022 02:36 PM	Python Source File	6 KB
docscrape.cpython-310.pyc	_distributor_init.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
docscrape.py	_distributor_init.py	24-03-2022 03:51 PM	Python Source File	2 KB
dtype.cpython-310.pyc	_docscrape.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	19 KB
dtype.py	_docscrape.py	02-04-2022 02:36 PM	Python Source File	22 KB
Compiled Python File 3 Ke Compiled Python File 3 Ke Compiled Python File 4 Ki Compiled Python File 4 Ki Compiled Python File 2 Ke New Potents Capture File 4 Ki Compiled Python File 2 Ke Compiled Python File 4 Ke Compiled Python File 2 Ke Compiled Python File 4 Ke Compiled Python File 2 Ke Compiled Python File 2 Ke Compiled Python File 2 Ke Compiled Python File 4 Ke Compiled Python File 4 Ke Compiled Python File 5 Ke Compiled Python File 9 Ke Compiled Python File 9 Ke Compiled Python File 9 Ke Compiled Python File 1 Ke Compiled Python File 2 Ke Compiled Python File 3 Ke Compiled Python File 4 Ke Compiled Python File 5 Ke Compiled Python File 6 Ke	_dtype.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	8 KB
24-03-2022 03:51 PM Python Source File 4 KE	dtype.py	24-03-2022 03:51 PM	Python Source File	11 KB
Compiled Python File 2 KE Reg. No 3 Method Notice 24-03-2022 03:51 PM Python Source File 4 KE 24-03-2022 03:51 PM Python Source File 4 KE 24-03-2022 03:51 PM Python Source File 4 KE 24-03-2022 03:51 PM Python Source File 9 KE 25-03-2022 03:51 PM Python Source File 11 KE 25-03-2022 03:51 PM Python Source File 11 KE 25-03-2022 03:51 PM Python Source File 11 KE 25-03-2022 03:51 PM Python Source File 10 KE 25-03-2022 03:51 PM Python Source File 3 KE 25-03-2022 03:51 PM Python Source File 3 KE 25-03-2022 03:51 PM Python Source File 3 KE 25-03-2022 03:51 PM Python Source File 5 KE 25-03-2022 03:51 PM Python Source File 26-03-2022 03:51 PM Python Source File 26-03-2022 03:51 PM Python Source File 26-03-2022 03:51 PM Python Source File	_dtype_ctypes.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	3 KB
Reg. No \$\frac{\text{Pichosomy2023}}{\text{Date 14/06@02@mentwise functions.cpython-310.pyc}	COPYRIGHT OFFICE S.Py	24-03-2022 03:51 PM	Python Source File	4 KB
Reg. No \$\frac{\text{Pichosomy2023}}{\text{Date 14/06@02@mentwise functions.cpython-310.pyc}	NEW Stypes.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	2 KB
● _elementwise functions.py 24-03-2022 03:51 PM Python Source File 25 KE ● _exceptions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 KE ● _exceptions.py 24-03-2022 03:51 PM Python Source File 9 KE ● _fortran.python-310.pyc 02-04-2022 02:36 PM Compiled Python File 11 KE ● _fortran.format_parser.cpython-310.pyc 02-04-2022 02:36 PM Python Source File 11 KE ● _fortran.format_parser.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 9 KE ● _fortran.format_parser.cpython-310.pyc 02-04-2022 02:36 PM Python Extension Mo 10 KE ● _goutils.cpython-310.pyc 02-04-2022 02:36 PM Python Source File 3 KE ● _goutils.cpython-310.pyc 02-04-2022 02:36 PM Python File 5 KE ● _globals.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 5 KE ● _hash.py 06-02-2023 04:04 PM Compiled Python File 5 KE ● _hash.py 06-02-2023 04:04 PM Python Source File 8 KE ● _hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Fource File		24-03-2022 03:51 PM	Python Source File	4 KB
☑ exceptions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 KE ☑ exceptions.py 24-03-2022 03:51 PM Python Source File 9 KE ☑ fortran.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 11 K ☑ fortran.py 02-04-2022 02:36 PM Python Source File 11 K ☑ fortran.format_parser.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 9 K ☑ fpumode.cp310-win_amd64.pyd 02-04-2022 02:36 PM Python Extension Mo 10 K ☑ gcutils.cpython-310.pyc 02-04-2022 02:36 PM Python File 3 K ☑ globals.cpython-310.pyc 02-04-2022 03:351 PM Compiled Python File 5 K ☑ globals.py 24-03-2022 03:51 PM Python Source File 8 K ☑ hash.cpython-310.pyc 06-02-2023 04:04 PM Python File 8 K ☑ hash.py 06-02-2023 04:04 PM Python File 8 K ☑ hash.py 06-02-2023 04:04 PM Python File 8 K ☑ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python File 9 K ☑ jid.py 02-04-2022 02:36 PM	Date 14/05 2022 mentwise_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	19 KB
● _exceptions.py 24-03-2022 03:51 PM Python Source File 9 K ☐ fortran.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 11 K ● _fortran.py 02-04-2022 02:36 PM Python Source File 11 K ☐ fortran format _parser.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 9 K ☐ fpumode.cp310-win_amd64.pyd 02-04-2022 02:36 PM Python Extension Mo 10 K ☐ gcutils.cpython-310.pyc 02-04-2022 02:36 PM Python Source File 3 K ☐ globals.cpython-310.pyc 02-04-2022 02:36 PM Python Source File 3 K ☐ globals.py 24-03-2022 03:51 PM Compiled Python File 5 K ☐ plosals.py 24-03-2022 03:51 PM Python Source File 5 K ☐ plosals.py 06-02-2023 04:04 PM Python Source File 8 K ☐ plash.py 06-02-2023 04:04 PM Python Source File 8 K ☐ plash.py 06-02-2023 04:04 PM Python Extension Mo 51 K ☐ plash.py 06-02-2023 04:04 PM Python Extension Mo 51 K ☐ plash.py 06-02-2023 04:04 PM	elementwise_functions.py	24-03-2022 03:51 PM	Python Source File	25 KB
E_fortran.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 11 k	_exceptions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	9 KB
e _ fortran.py 02-04-2022 02:36 PM Python Source File 11 kg e _ fortran_format_parser.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 9 kg e _ fpumode.cp310-win_amd64.pyd 02-04-2022 02:36 PM Python Extension Mo 10 kg e _ gcutils.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 3 kg e _ globals.cpython-310.pyc 24-03-2022 03:351 PM Python Source File 5 kg e _ globals.py 24-03-2022 03:351 PM Python Source File 5 kg e _ globals.py 24-03-2022 03:351 PM Python Source File 5 kg e _ lash.py 06-02-2023 04:04 PM Python Source File 8 kg e _ hash.py 06-02-2023 04:04 PM Python Source File 8 kg e _ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 kg e _ idl.py 02-04-2022 03:04:04 PM Python Extension Mo 51 kg e _ idl.py 02-04-2022 03:04:04 PM Python Extension Mo 51 kg e _ idl.py 02-04-2022 03:05:04 PM Python Source File 26 kg e _ internal	_exceptions.py	24-03-2022 03:51 PM	Python Source File	9 KB
☐ fortran_format_parser.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 9 k ☐ fpumode.cp310-win_amd64.pyd 02-04-2022 02:36 PM Python Extension Mo 10 k ☐ gcutils.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 3 k ☐ globals.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 5 k ☐ globals.py 24-03-2022 03:51 PM Python Source File 5 k ☐ hash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 k ☐ hash.py 06-02-2023 04:04 PM Python Source File 8 k ☐ hash.py 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ jdl.cpython-310.pyc 02-04-2022 02:36 PM Python Extension Mo 51 k ☐ jdl.py 02-04-2022 02:36 PM Python Extension Mo 51 k ☐ jdl.py 02-04-2022 02:36 PM Python File 19 k ☐ jdl.py 02-04-2022 02:36 PM Python Source File 26 k ☐ jinternal.pyi 24-03-2022 03:51 PM Compiled Python File 27 k ☐ jinternal.pyi 24-03-2022 03:51 PM	_fortran.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	11 KB
☐ _fpumode.cp310-win_amd64.pyd 02-04-2022 02:36 PM Python Extension Mo 10 k ☐ _gcutils.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 3 k ☐ _gcutils.py 02-04-2022 02:36 PM Python Source File 3 k ☐ _globals.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 5 k ☐ _globals.py 24-03-2022 03:51 PM Python Source File 8 k ☐ _hash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _hashing_ fast.cp310-win_amd64.pyd 06-02-20	_fortran.py	02-04-2022 02:36 PM	Python Source File	11 KB
☐ _gcutils.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 3 k ☐ _gcutils.py 02-04-2022 02:36 PM Python Source File 3 k ☐ _globals.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 5 k ☐ _globals.py 24-03-2022 03:51 PM Python Source File 5 k ☐ _hash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 k ☐ _hash.py 06-02-2023 04:04 PM Python Source File 8 k ☐ _hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ☐ _idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 k ☐ _idl.py 02-04-2022 02:36 PM Python Source File 26 k ☐ _internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 k ☐ _internal.pyi 24-03-2022 03:51 PM Python Source File 2 k ☐ _machar.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 2 k ☐ _machar.py 24-03-2022 03:51 PM Python Source File 2 k ☐ _manipulation_functions.cpython-310.pyc <th>fortran_format_parser.cpython-310.pyc</th> <th>02-04-2022 02:36 PM</th> <th>Compiled Python File</th> <th>9 KB</th>	fortran_format_parser.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	9 KB
● _gcutils.py 02-04-2022 02:36 PM Python Source File 3 k ● _globals.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 5 k ● _globals.py 24-03-2022 03:51 PM Python Source File 5 k ● _hash.python-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 k ● _hash.py 06-02-2023 04:04 PM Python Source File 8 k ● _hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 k ● _idl.py 02-04-2022 02:36 PM Compiled Python File 19 k ● _idl.py 02-04-2022 02:36 PM Python Source File 26 k ● _internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 k ● _internal.pyi 24-03-2022 03:51 PM Python Source File 2 k ● _machar.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 2 k ● _manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 4 k ● _manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 k ● _methods.cpython-310.pyc <th>fpumode.cp310-win_amd64.pyd</th> <th>02-04-2022 02:36 PM</th> <th>Python Extension Mo</th> <th>10 KB</th>	fpumode.cp310-win_amd64.pyd	02-04-2022 02:36 PM	Python Extension Mo	10 KB
☑ globals.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 5 K ☑ globals.py 24-03-2022 03:51 PM Python Source File 5 K ☑ hash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 K ☑ hash.py 06-02-2023 04:04 PM Python Source File 8 K ☑ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 K ☑ idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 K ☑ idl.py 02-04-2022 02:36 PM Python Source File 26 K ☑ internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 K ☑ internal.pyi 24-03-2022 03:51 PM Python Source File 2 K ☑ machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 K ☑ machar.py 24-03-2022 03:51 PM Python Source File 12 K ☑ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 K ☑ mathods.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 3 K ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 K	gcutils.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	3 KB
☑ globals.py 24-03-2022 03:51 PM Python Source File 5 K ☑ hash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 K ☑ hash.py 06-02-2023 04:04 PM Python Source File 8 K ☑ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 K ☑ idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 K ☑ internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 K ☑ internal.pyi 24-03-2022 03:51 PM Python Source File 27 K ☑ internal.pyi 24-03-2022 03:51 PM Python Source File 2 K ☑ machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 K ☑ machar.py 24-03-2022 03:51 PM Python Source File 12 K ☑ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 K ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 3 K ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 K	_gcutils.py	02-04-2022 02:36 PM	Python Source File	3 KB
├ahash.cpython-310.pyc 06-02-2023 04:04 PM Compiled Python File 8 K ├ahash.py 06-02-2023 04:04 PM Python Source File 8 K ├ahashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 K ├aidl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 K ├aidl.py 02-04-2022 02:36 PM Python Source File 26 K ├ainternal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 K ├ainternal.pyi 24-03-2022 03:51 PM Python Source File 2 K ├amachar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 K ├amachar.py 24-03-2022 03:51 PM Python Source File 12 K ├amanipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 K ├amanipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 K ├amanipulation_functions.py 24-03-2022 03:51 PM Compiled Python File 7 K	globals.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	5 KB
☑ _ hash.py 06-02-2023 04:04 PM Python Source File 8 K ☑ _ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 K ☑ _ idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 K ☑ _ idl.py 02-04-2022 02:36 PM Python Source File 26 K ☑ _ internal.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 27 K ☑ _ internal.pyi 24-03-2022 03:51 PM Python Source File 2 K ☑ _ machar.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 9 K ☑ _ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 12 K ☑ _ manipulation_functions.py 24-03-2022 03:51 PM Compiled Python File 4 K ☑ _ methods.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 3 K	■ _globals.py	24-03-2022 03:51 PM	Python Source File	5 KB
☑ _ hashing_fast.cp310-win_amd64.pyd 06-02-2023 04:04 PM Python Extension Mo 51 kg ☑ _ idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 kg ☑ _ idl.py 02-04-2022 02:36 PM Python Source File 26 kg ☑ _ internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 kg ☑ _ internal.pyi 24-03-2022 03:51 PM Python Source File 27 kg ☑ _ internal.pyi 24-03-2022 03:51 PM Python Source File 2 kg ☑ _ machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 kg ☑ _ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 kg ☑ _ manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 kg ☑ _ methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 kg	hash sputhon 210 pus	06-02-2023 04:04 PM	Compiled Python File	8 KB
idl.cpython-310.pyc 02-04-2022 02:36 PM Compiled Python File 19 kg idl.py 02-04-2022 02:36 PM Python Source File 26 kg internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 kg internal.py 24-03-2022 03:51 PM Python Source File 27 kg internal.pyi 24-03-2022 03:51 PM Python Source File 2 kg machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 kg manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 kg manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 kg methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 kg	inasii.cpytiloii-310.pyc			
☑ _idl.py 02-04-2022 02:36 PM Python Source File 26 K ☑ _internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 K ☑ _internal.py 24-03-2022 03:51 PM Python Source File 27 K ☑ _internal.pyi 24-03-2022 03:51 PM Python Source File 2 K ☑ _machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 K ☑ _machar.py 24-03-2022 03:51 PM Python Source File 12 K ☑ _manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 K ☑ _methods.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 3 K ☑ _methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 K		06-02-2023 04:04 PM	Python Source File	8 KB
☑ internal.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 22 kg ☑ internal.py 24-03-2022 03:51 PM Python Source File 27 kg ☑ internal.pyi 24-03-2022 03:51 PM Python Source File 2 kg ☑ machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 kg ☑ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 12 kg ☑ manipulation_functions.py 24-03-2022 03:51 PM Compiled Python File 3 kg ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 kg	hash.py			8 KB 51 KB
☑ internal.py 24-03-2022 03:51 PM Python Source File 27 kg ☑ internal.pyi 24-03-2022 03:51 PM Python Source File 2 kg ☑ machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 kg ☑ manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 12 kg ☑ manipulation_functions.py 24-03-2022 03:51 PM Compiled Python File 4 kg ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Python Source File 3 kg ☑ methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 kg	_ hash.py _ hashing_fast.cp310-win_amd64.pyd	06-02-2023 04:04 PM	Python Extension Mo	
internal.pyi 24-03-2022 03:51 PM Python Source File 2 k machar.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 9 k machar.py 24-03-2022 03:51 PM Python Source File 12 k manipulation_functions.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 4 k manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 k manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 k manipulation_functions.py 24-03-2022 03:51 PM Compiled Python File 7 k	_hash.py_hashing_fast.cp310-win_amd64.pyd_idl.cpython-310.pyc	06-02-2023 04:04 PM 02-04-2022 02:36 PM	Python Extension Mo Compiled Python File	51 KB
Image: problem of the problem of t	 hash.py hashing_fast.cp310-win_amd64.pyd idl.cpython-310.pyc idl.py 	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Python Extension Mo Compiled Python File Python Source File	51 KB 19 KB
_machar.py24-03-2022 03:51 PMPython Source File12 k_manipulation_functions.cpython-310.pyc24-03-2022 03:51 PMCompiled Python File4 k_manipulation_functions.py24-03-2022 03:51 PMPython Source File3 k_methods.cpython-310.pyc24-03-2022 03:51 PMCompiled Python File7 k	 _hash.py _hashing_fast.cp310-win_amd64.pyd _idl.cpython-310.pyc _idl.py _internal.cpython-310.pyc 	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File	51 KB 19 KB 26 KB
▶ _manipulation_functions.cpython-310.pyc24-03-2022 03:51 PMCompiled Python File4 k▶ _manipulation_functions.py24-03-2022 03:51 PMPython Source File3 k▶ _methods.cpython-310.pyc24-03-2022 03:51 PMCompiled Python File7 k	 hash.py hashing_fast.cp310-win_amd64.pyd idl.cpython-310.pyc idl.py internal.cpython-310.pyc internal.py 	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File	51 KB 19 KB 26 KB 22 KB
_manipulation_functions.py 24-03-2022 03:51 PM Python Source File 3 K _methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 K	 hash.py hashing_fast.cp310-win_amd64.pyd idl.cpython-310.pyc idl.py internal.cpython-310.pyc internal.py internal.py 	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Python Source File	51 KB 19 KB 26 KB 22 KB 27 KB
methods.cpython-310.pyc 24-03-2022 03:51 PM Compiled Python File 7 K	 e hash.py e hashing_fast.cp310-win_amd64.pyd e idl.cpython-310.pyc e idl.py e internal.cpython-310.pyc e internal.py e internal.pyi e machar.cpython-310.pyc 	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Compiled Python File	51 KB 19 KB 26 KB 22 KB 27 KB 2 KB
	e hash.py phashing_fast.cp310-win_amd64.pyd pidl.cpython-310.pyc pidl.py pinternal.cpython-310.pyc pinternal.py pinternal.pyi pinternal.pyi pinternal.pyi pinternal.pyc machar.cpython-310.pyc machar.py	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Compiled Python File Python Source File	51 KB 19 KB 26 KB 22 KB 27 KB 2 KB 9 KB
	e hash.py phashing_fast.cp310-win_amd64.pyd pidl.cpython-310.pyc pinternal.cpython-310.pyc pinternal.py pinternal.pyi pmachar.cpython-310.pyc machar.py machar.py machar.py machar.py machar.py	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File	51 KB 19 KB 26 KB 22 KB 27 KB 2 KB 9 KB 12 KB
<u>→</u> _methods.py 24-03-2022 03:51 PM Python Source File 11 K	e hash.py e hashing_fast.cp310-win_amd64.pyd e jdl.cpython-310.pyc e jidl.py e internal.cpython-310.pyc e internal.py e internal.pyi e machar.cpython-310.pyc e machar.py manipulation_functions.cpython-310.pyc e manipulation_functions.py	06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM	Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	51 KB 19 KB 26 KB 22 KB 27 KB 2 KB 9 KB 12 KB 4 KB





ē	_mmio.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	19 KB
\$	_mmio.py	02-04-2022 02:36 PM	Python Source File	30 KB
?	_multiarray_tests.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Python Extension Mo	115 KB
?	_multiarray_umath.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Python Extension Mo	2,965 KB
ē	_netcdf.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	30 KB
\$	_netcdf.py	02-04-2022 02:36 PM	Python Source File	39 KB
?	_operand_flag_tests.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Python Extension Mo	14 KB
?	_pep440.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	13 KB
2	_pep440.py	02-04-2022 02:36 PM	Python Source File	14 KB
ē	_pytesttester.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	6 KB
e	_pytesttester.py	24-03-2022 03:51 PM	Python Source File	7 KB
e)	_pytesttester.pyi	24-03-2022 03:51 PM	Python Source File	1 KB
_	_rational_tests.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Python Extension Mo	47 KB
@	_searching_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	2 KB
e	_ 5_ 17	24-03-2022 03:51 PM	Python Source File	2 KB
@	_set_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	3 KB
•	_set_functions.py	24-03-2022 03:51 PM	Python Source File	3 KB
COPYRIGH	_simd.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Python Extension Mo	1,439 KB
NEW	sorting_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	2 KB
O COMPANY OF THE PARTY OF THE P	Negretion trations py	24-03-2022 03:51 PM	Python Source File	2 KB
	atistical_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	3 KB
_	_statistical_functions.by	24-03-2022 03:51 PM	Python Source File	4 KB
¢.	_stop_words.cpython-310.pyc	06-02-2023 04:04 PM	Compiled Python File	3 KB
è	stop words.pv	06-02-2023 04:04 PM	Python Source File	6 KB
_	_stop_words.py	06-02-2023 04:04 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File	6 KB 4 KB
	_string_helpers.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	4 KB
ē	_string_helpers.cpython-310.pyc _string_helpers.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File	4 KB 3 KB
2	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd	24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo	4 KB
ē 2	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File	4 KB 3 KB 15 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Python Extension Mo Python Extension Mo	4 KB 3 KB 15 KB 18 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Python Extension Mo	4 KB 3 KB 15 KB 18 KB 21 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Python Extension Mo Python Extension Mo Python Extension Mo	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_tils.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_tils.cpython-310.pyc _testutils.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_tottran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_totran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _tmpdirs.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _tmpdirs.cpython-310.pyc _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB 3 KB 3 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_totran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB 3 KB 6 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc _type_aliases.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 3 KB 2 KB 3 KB 6 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_totran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc _type_aliases.pyi	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Compiled Python File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB 3 KB 6 KB 8 KB 1 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc _type_aliases.py _type_aliases.pyi _typing.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 3 KB 2 KB 3 KB 6 KB 8 KB 1 KB 3 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc _type_aliases.py _type_aliases.pyi _typing.cpython-310.pyc _typing.cpython-310.pyc _typing.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 3 KB 2 KB 3 KB 3 KB 4 KB 3 KB 2 KB 3 KB 3 KB 2 KB 3 KB 3 KB 2 KB 3 KB 3 KB 4 KB 3 KB 6 KB 8 KB 1 KB 3 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpy _type_aliases.pyi _type_aliases.pyi _typing.cpython-310.pyc _typing.py _ufunc_config.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 2 KB 3 KB 1 KB 2 KB 3 KB 2 KB 3 KB 2 KB 3 KB 2 KB 3 KB 4 KB 6 KB 8 KB 1 KB 2 KB
	_string_helpers.cpython-310.pyc _string_helpers.py _struct_ufunc_tests.cp310-win_amd64.pyd _test_ccallback.cp310-win_amd64.pyd _test_deprecation_call.cp310-win_amd64.pyd _test_deprecation_def.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _test_fortran.cp310-win_amd64.pyd _testutils.cpython-310.pyc _testutils.py _threadsafety.cpython-310.pyc _threadsafety.py _tmpdirs.cpython-310.pyc _tmpdirs.py _type_aliases.cpython-310.pyc _type_aliases.pyi _type_aliases.pyi _typing.cpython-310.pyc _typing.py _ufunc_config.cpython-310.pyc _ufunc_config.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Extension Mo Compiled Python File Python Source File	4 KB 3 KB 15 KB 18 KB 21 KB 23 KB 33 KB 7 KB 7 KB 3 KB 3 KB 3 KB 4 KB 3 KB 3 KB 2 KB 3 KB 3 KB 4 KB 1 KB 1 KB 1 KB 1 KB 1 KB





_unuran_utils.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
_unuran_utils.py	02-04-2022 02:36 PM	Python Source File	1 KB
_util.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	21 KB
_util.py	02-04-2022 02:36 PM	Python Source File	21 KB
_utility_functions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	2 KB
_utility_functions.py	24-03-2022 03:51 PM	Python Source File	1 KB
_version.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	1 KB
_version.py	24-03-2022 03:51 PM	Python Source File	1 KB
antecedent_consequent.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	4 KB
antecedent_consequent.py	14-11-2019 06:41 AM	Python Source File	3 KB
arraypad.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	39 KB
arraypad.py	04-09-2018 05:06 AM	Python Source File	52 KB
arrayprint.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	51 KB
	24-03-2022 03:51 PM	Python Source File	64 KB
	24-03-2022 03:51 PM	Python Source File	5 KB
astronaut_gray.npy	24-12-2015 08:58 AM	NPY File	257 KB
astronaut_rgb.npy	24-12-2015 08:58 AM	NPY File	769 KB
conftest.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	3 KB
COPYRIGHT-OREIGE	24-03-2022 03:51 PM	Python Source File	5 KB
NEW DELITUISystem.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	22 KB
Reg. No SW-16507/2023 Date 14/05/2023	14-11-2019 06:41 AM	Python Source File	30 KB
ctypeslib.cpython-3:10.pyc	24-03-2022 03:51 PM	Compiled Python File	15 KB
ctypeslib.py	24-03-2022 03:51 PM	Python Source File	18 KB
ctypeslib.pyi	24-03-2022 03:51 PM	Python Source File	9 KB
ctypeslib.pyi cversions.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File	9 KB 1 KB
cversions.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	1 KB
cversions.cpython-310.pyc cversions.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File	1 KB 1 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM	Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB
cversions.cpython-310.pyccversions.pyDateTime.cpython-310.pycDateTime.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM	Compiled Python File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc decorator.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc decorator.py defchararray.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc decorator.py defchararray.cpython-310.pyc defchararray.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc decorator.py defchararray.cpython-310.pyc defchararray.py defchararray.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.pyi defchararray.pyi defcharz.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM	Compiled Python File Python Source File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc decorator.py defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc decorator.py defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.pyi defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defcuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc doccer.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 8 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.pyc doccer.cpython-310.pyc doccer.py doccer.py dual.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Compiled Python File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 9 KB 3 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc DateTime.py decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc doccer.py dual.cpython-310.pyc dual.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 9 KB 3 KB 3 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defcuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc doccer.py dual.cpython-310.pyc dual.py einsumfunc.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 9 KB 3 KB 3 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc doccer.py dual.cpython-310.pyc dual.py einsumfunc.cpython-310.pyc einsumfunc.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 9 KB 3 KB 3 KB 39 KB
cversions.cpython-310.pyc cversions.py DateTime.cpython-310.pyc decorator.cpython-310.pyc defchararray.cpython-310.pyc defchararray.py defchararray.py defchararray.py defuzz.cpython-310.pyc defuzz.py deprecation.cpython-310.pyc deprecation.py doccer.cpython-310.pyc doccer.py dual.cpython-310.pyc dual.py einsumfunc.cpython-310.pyc einsumfunc.pyi	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 01:58 PM 11-02-2023 01:58 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 04-09-2018 05:43 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File	1 KB 1 KB 58 KB 70 KB 12 KB 15 KB 66 KB 71 KB 10 KB 11 KB 13 KB 4 KB 4 KB 8 KB 9 KB 3 KB 3 KB 39 KB 52 KB





fromnumeric.pyi	24-03-2022 03:51 PM	Python Source File	9 KB
function_base.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	17 KB
function_base.py	24-03-2022 03:51 PM	Python Source File	20 KB
function_base.pyi	24-03-2022 03:51 PM	Python Source File	2 KB
fuzzyvariable.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	7 KB
fuzzyvariable.py	30-03-2019 10:44 AM	Python Source File	8 KB
generate_numpy_api.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	6 KB
generate_numpy_api.py	24-03-2022 03:51 PM	Python Source File	8 KB
generatemf.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	13 KB
getlimits.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	18 KB
getlimits.py	24-03-2022 03:51 PM	Python Source File	25 KB
getlimits.pyi	24-03-2022 03:51 PM	Python Source File	1 KB
arwell_boeing.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
harwell_boeing.py	02-04-2022 02:36 PM	Python Source File	1 KB
hb.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	15 KB
idl.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
idl.py	02-04-2022 02:36 PM	Python Source File	1 KB
image.cpython-310.pyc	06-02-2023 04:04 PM	Compiled Python File	18 KB
COPYRIGHT OFFICE	06-02-2023 04:04 PM	Python Source File	20 KB
imans covthan=310.pyc	11-02-2023 12:37 PM	Compiled Python File	2 KB
Date 14/06/20/23 ps.py	24-12-2015 08:58 AM	Python Source File	2 KB
interfaces.cpython 3 10.pyc	11-02-2023 01:58 PM	Compiled Python File	18 KB
interfaces.py	11-02-2023 01:58 PM	Python Source File	12 KB
P. I	24 02 2022 02 54 PM		40.100
linalg.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	12 KB
linalg.py	24-03-2022 03:51 PM	Python Source File	17 KB
inalg.py matlib.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File	17 KB 11 KB
inalg.py matlib.cpython-310.pyc matlib.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File	17 KB 11 KB 11 KB
linalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB
linalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	17 KB 11 KB 11 KB 11 KB 12 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB 1 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB 1 KB 1 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mmio.py	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB 1 KB 1 KB 1 KB 1 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mmio.py msvcp140.dll	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension	17 KB 11 KB 11 KB 11 KB 12 KB 1
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mmio.py msvcp140.dll multiarray.cpython-310.pyc	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB 1
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mmio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File	17 KB 11 KB 11 KB 11 KB 12 KB 1 KB 43 KB 1 KB 1 KB 1 KB 56 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mmio.py msvcp140.dll multiarray.py multiarray.py multiarray.pyi	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.pyi netcdf.cpython-310.pyc	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Application extension Compiled Python File Python Source File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.py metcdf.cpython-310.pyc netcdf.py	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Application extension Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.py netcdf.cpython-310.pyc netcdf.py numeric.cpython-310.pyc	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 02-04-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Application extension Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1 KB 25 KB 25 KB 2 KB 2 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.py messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.py metcdf.cpython-310.pyc netcdf.py numeric.cpython-310.pyc	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 03:51 PM 02-04-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB 2 KB 2 KB 2 KB 2 KB 72 KB 78 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.py multiarray.py netcdf.cpython-310.pyc netcdf.py numeric.pyi	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1 KB 2 KB 2 KB 2 KB 2 KB 72 KB 78 KB
inalg.py matlib.cpython-310.pyc matlib.py memmap.cpython-310.pyc memmap.py memmap.pyi messagestream.cp310-win_amd64.pyd metrics.cpython-310.pyc metrics.py mmio.cpython-310.pyc mio.py msvcp140.dll multiarray.cpython-310.pyc multiarray.py multiarray.py multiarray.py metcdf.cpython-310.pyc netcdf.py numeric.cpython-310.pyc	24-03-2022 03:51 PM 02-04-2022 02:36 PM 11-02-2023 12:37 PM 24-12-2015 08:58 AM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 02-04-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 03:51 PM 02-04-2022 03:51 PM	Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Python Source File Python Extension Mo Compiled Python File Python Source File Compiled Python File Python Source File Application extension Compiled Python File Python Source File Python Source File Compiled Python File	17 KB 11 KB 11 KB 11 KB 11 KB 12 KB 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB 2 KB 2 KB 2 KB 2 KB 72 KB 78 KB





ordereddict.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	9 KB
ordereddict.py	24-02-2016 11:18 PM	Python Source File	9 KB
overrides.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	7 KB
overrides.py	24-03-2022 03:51 PM	Python Source File	8 KB
path.pyi	02-04-2022 07:23 PM	Python Source File	3 KB
py.typed	24-03-2022 03:51 PM	TYPED File	0 KB
pyplot.cpython-310.pyc	30-03-2022 12:11 PM	Compiled Python File	88 KB
pyplot.py	30-03-2022 12:11 PM	Python Source File	106 KB
pytz_support.cpython-310.pyc	11-02-2023 01:58 PM	Compiled Python File	10 KB
pytz_support.py	11-02-2023 01:58 PM	Python Source File	12 KB
records.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	30 KB
records.py	24-03-2022 03:51 PM	Python Source File	38 KB
records.pyi	24-03-2022 03:51 PM	Python Source File	6 KB
🥭 rule.cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	10 KB
rule.py	14-11-2019 06:41 AM	Python Source File	12 KB
setup.cpython-310.pyc	02-04-2022 02:36 PM	Compiled Python File	1 KB
setup.py	02-04-2022 02:36 PM	Python Source File	1 KB
setup_common.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	12 KB
setup common.pv	24-03-2022 03:51 PM	Python Source File	20 KB
Shape cpython-310.pyc	11-02-2023 12:37 PM	Compiled Python File	7 KB
	11-03-2016 11:37 PM	Python Source File	8 KB
		31 3 3 3	26 KB
- \$\frac{1}{2}\text{16607/2023} 1650 pape_base.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	26 KB
		31 3 3 3	
a page base.cpython-310.pyc	24-03-2022 03:51 PM	Compiled Python File	
Shape_base.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File	30 KB
shape_base.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File	30 KB 2 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM	Compiled Python File Python Source File Python Source File Compiled Python File	30 KB 2 KB 3 KB
shape_base.pyi state.cpython-310.pyc state.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File	30 KB 2 KB 3 KB 3 KB
shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File	30 KB 2 KB 3 KB 3 KB 7 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	30 KE 2 KB 3 KB 3 KB 7 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	30 KE 2 KB 3 KB 3 KB 7 KB 7 KB 9 KB
shape_base.python-310.pyc shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py test_pyplot.py text.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	30 KB 2 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB
shape_base.pyi shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc uarray.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 78 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py stext.cpython-310.pyc text.pyplot.py stext.pyplot.py stext.pyplot.py stext.py	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 78 KB 1 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc text.pyplot.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 78 KB 1 KB 2 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py test_cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc umath.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 78 KB 1 KB 1 KB 2 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py stext.cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath_cpython-310.pyc umath_tests.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 78 KB 1 KB 1 KB 2 KB 3 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc umath.py umath_tests.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	30 KE 2 KB 3 KB 3 KB 7 KB 9 KB 10 KB 65 KB 1 KB 1 KB 2 KB 3 KB 1 KB 1 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc umath.py umath_tests.cpython-310.pyc umath_tests.py version.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 1 KB 1 KB 1 KB 1 KB 1 KB 1 KB
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py sterm.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc umath.py umath_tests.cpython-310.pyc umath_tests.py version.cpython-310.pyc version.py visualization.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM 24-03-2022 03:51 PM	Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File	2 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 1
shape_base.pyi shape_base.pyi state.cpython-310.pyc state.py term.cpython-310.pyc term.py test_pyplot.cpython-310.pyc test_pyplot.py text.cpython-310.pyc text.py uarray.cpython-310.pyc uarray.py umath.cpython-310.pyc umath.py umath_tests.cpython-310.pyc umath_tests.py version.cpython-310.pyc	24-03-2022 03:51 PM 24-03-2022 03:51 PM 11-02-2023 12:37 PM 19-06-2016 08:12 AM 11-02-2023 12:37 PM 14-11-2019 06:41 AM 30-03-2022 12:11 PM 30-03-2022 12:11 PM 06-02-2023 04:04 PM 06-02-2023 04:04 PM 02-04-2022 02:36 PM 24-03-2022 03:51 PM	Compiled Python File Python Source File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File Python Source File Compiled Python File	2 KB 3 KB 3 KB 7 KB 7 KB 9 KB 10 KB 65 KB 1 KB



