

PRNCOLWIDTH PRNPRECISION

18

12

ORIGIN=0

$StA := \text{"dat\Apty1505"}$

$Bg := 2$

$StB := \text{"dat\Bksn1505"}$

$Fn := 5$

$ext := \text{".txt"}$

$SecS := 86400$

$J := 0..3$

$zv_j := 100 + Bg + J$

$StA1_j := \text{concat}(StA, \text{substr}(\text{num2str}(zv_j), 1, 2), ext)$

$StB1_j := \text{concat}(StB, \text{substr}(\text{num2str}(zv_j), 1, 2), ext)$

$RSa_j := \text{READPRN}(StA1_j)$

$RSb_j := \text{READPRN}(StB1_j)$

$$J = \begin{bmatrix} 0 \\ 1 \\ 2 \\ 3 \end{bmatrix}$$

$$RSa_j = \begin{bmatrix} [67941 \times 6] \\ [73530 \times 6] \\ [66465 \times 6] \\ [59545 \times 6] \end{bmatrix}$$

$$StA1_j = \begin{bmatrix} \text{"dat\Apty150502.txt"} \\ \text{"dat\Apty150503.txt"} \\ \text{"dat\Apty150504.txt"} \\ \text{"dat\Apty150505.txt"} \end{bmatrix}$$

$aRa_j := \text{rows}(RSa_j)$

$bRa_j := \text{cols}(RSa_j)$

$aRb_j := \text{rows}(RSb_j)$

$bRb_j := \text{cols}(RSb_j)$

$Rzm := \text{rows}(RSa)$

$Rzm = 4$

$$StA1 = \begin{bmatrix} \text{"dat\Apty150502.txt"} \\ \text{"dat\Apty150503.txt"} \\ \text{"dat\Apty150504.txt"} \\ \text{"dat\Apty150505.txt"} \end{bmatrix}$$

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 $Ap_j :=$ 
 $As \leftarrow \text{csort}(RSa_j, 3)$ 
for  $i \in 0..aRa_j - 1$ 
  if  $\langle (As)^{(3)} \rangle_i > 5$ 
    break
 $As1 \leftarrow \text{submatrix}(As, i, aRa_j - 1, 0, 5)$ 
 $aAs1 \leftarrow \text{rows}(As1)$ 
for  $i \in 0..aAs1 - 1$ 
   $A_{i,0} \leftarrow i$ 
   $A_{i,2} \leftarrow \langle (As1)^{(3)} \rangle_i$ 
   $A_{i,1} \leftarrow \langle (As1)^{(4)} \rangle_i + \frac{\text{floor}\left(\frac{\langle (As1)^{(5)} \rangle_i}{10}\right)}{100000}$ 
 $A \leftarrow \text{csort}(A, 1)$ 
for  $i \in 0..aAs1 - 1$ 
   $A_{i,0} \leftarrow i$ 
 $A$ 

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$$aA_j := \text{rows}(Ap_j) \quad Tap_j := \frac{\langle Ap_j \rangle_{aA_j - 1, 1} - \langle Ap_j \rangle_{0, 1}}{aA_j - 1}$$

$$aA = \begin{bmatrix} 67941 \\ 73530 \\ 66465 \\ 59545 \end{bmatrix}$$

$$Tap = \begin{bmatrix} 1.27170374816 \\ 1.17503565274 \\ 1.29991394499 \\ 1.45093608458 \end{bmatrix}$$

$$\langle Ap_j \rangle_{aA_j - 1, 1} = \begin{bmatrix} 86400.17075 \\ 86400.13065 \\ 86400.09124 \\ 86399.44093 \end{bmatrix}$$

$$\frac{\sum Tap}{Rzm} = 1.29939735762$$

$Ap_1 =$

0	0.93414	6
1	1.2929	6
2	3.61183	6
3	5.52918	7
4	6.48498	7
5	7.68257	7
6	8.47659	6
7	8.66473	6
8	10.75779	6
9	11.28648	15
10	11.48558	6
11	12.8673	11
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