

v700_5e.dat.txt

'title of data set'

v700_5e.dat D&B turbine blade, s side at Re,d, ml but no curv, Ts(x)

| ### | kgeom | neq | kstart | mode | ktmu | ktmtr | ktme |
|-----|-----------|----------|-----------|-----------|------------|-----------|-----------|
| | 1 | 2 | 7 | 1 | 5 | 5 | 2 |
| ### | kbfor | jsor(1) | jsor(2) | jsor(3) | jsor(4) | jsor(5) | |
| | 1 | 3 | 11 | 21 | | | |
| ### | kfluid | kunits | | | | | |
| | 2 | 1 | | | | | |
| ### | po | rhoc | viscoc | amolwt | gam/cp | | |
| | 290000.0 | 0.00000 | 0.000E+00 | 00.00 | 0.00 | | |
| ### | prc(1) | prc(2) | prc(3) | prc(4) | prc(5) | | |
| | 0.000 | 1.000 | 1.000 | | | | |
| ### | nxbc(I) | jbc(I,1) | jbc(I,2) | jbc(I,3) | jbc(I,4) | jbc(I,5) | |
| | 19 | 1 | 1 | 1 | | | |
| ### | nxbc(E) | jbc(E,1) | jbc(E,2) | jbc(E,3) | jbc(E,4) | jbc(E,5) | |
| | 19 | 1 | 1 | 1 | | | |
| ### | x(m) | rw(m) | aux1(m) | aux2(m) | aux3(m) | | |
| | 0.0000000 | 1.0000 | 0.0000 | 0.0000 | 1.2789E-02 | | |
| | 0.0005000 | 1.0000 | 0.0000 | 0.0000 | 1.2789E-02 | | |
| | 0.0010000 | 1.0000 | 0.0000 | 0.0000 | 1.2789E-02 | | |
| | 0.0020000 | 1.0000 | 0.0000 | 0.0000 | 1.2789E-02 | | |
| | 0.0040000 | 1.0000 | 0.0000 | 0.0000 | 1.0208E-02 | | |
| | 0.0088000 | 1.0000 | 0.0000 | 0.0000 | 6.7012E-03 | | |
| | 0.0126100 | 1.0000 | 0.0000 | 0.0000 | 8.1462E-03 | | |
| | 0.0163900 | 1.0000 | 0.0000 | 0.0000 | 1.3176E-02 | | |
| | 0.0202000 | 1.0000 | 0.0000 | 0.0000 | 2.1763E-02 | | |
| | 0.0252000 | 1.0000 | 0.0000 | 0.0000 | 3.8210E-02 | | |
| | 0.0308900 | 1.0000 | 0.0000 | 0.0000 | 6.3793E-02 | | |
| | 0.0340500 | 1.0000 | 0.0000 | 0.0000 | 8.1033E-02 | | |
| | 0.0378300 | 1.0000 | 0.0000 | 0.0000 | 1.0439E-01 | | |
| | 0.0416100 | 1.0000 | 0.0000 | 0.0000 | 1.3063E-01 | | |
| | 0.0454000 | 1.0000 | 0.0000 | 0.0000 | 1.5973E-01 | | |
| | 0.0498000 | 1.0000 | 0.0000 | 0.0000 | 1.9687E-01 | | |
| | 0.0542000 | 1.0000 | 0.0000 | 0.0000 | 2.3746E-01 | | |
| | 0.0599000 | 1.0000 | 0.0000 | 0.0000 | 2.9500E-01 | | |
| | 0.0643000 | 1.0000 | 0.0000 | 0.0000 | 3.0618E-01 | | |
| ### | ubI(m) | am(I,m) | fj(I,1,m) | fj(I,2,m) | fj(I,3,m) | fj(I,4,m) | fj(I,5,m) |
| ### | ubE(m) | am(E,m) | fj(E,1,m) | fj(E,2,m) | fj(E,3,m) | fj(E,4,m) | fj(E,5,m) |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 59.32 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 121.72 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 211.97 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 293.26 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 327.80 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 329.25 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 328.11 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 340.27 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 372.46 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 396.43 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |
| | 397.21 | .000 | .0 | .0 | .0 | .0 | .0 |
| | .00 | .000 | 289.0 | .0 | .0 | .0 | .0 |

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391.79      .000      .0      .0      .0
.00      .000      289.0      .0      .0
385.34      .000      .0      .0      .0
.00      .000      289.0      .0      .0
384.09      .000      .0      .0      .0
.00      .000      289.0      .0      .0
396.93      .000      .0      .0      .0
.00      .000      289.0      .0      .0
419.73      .000      .0      .0      .0
.00      .000      289.0      .0      .0
430.89      .000      .0      .0      .0
.00      .000      289.0      .0      .0
398.83      .000      .0      .0      .0
### xstart      xend      deltax      fra      enfra
0.0001100      0.064300      0.050      0.010      1.000E-04
### kout      kspace      kdx      kent
9      200      0      1
### k1      k2      k3      k4      k5      k6
0      0      0      0      20      0
### k7      k8      k9      k10      k11      k12
0      0      0      22      0      0
### axx      bxx      cxx      dxx      exx      fxx      gxx
0.000E+00      2000.0      0.000E+00      0.000E+00      0.000E+00      0.900E+00      0.000E+00
### dyi      rate      tstag      vapp      tuapp      epsapp
5.000E-05      0.0900      432.0      146.40      3.0      0.0

```