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|-----|---------|--|-----|----|
| 58 | 000EF4I | AB(I,J,K)=-PTR*(P1*Q3-P3*Q1) | 597 | 20 |
| 59 | 000F42I | DU(I,J,K)=PTR*(Q1*R2-Q2*R1) | 598 | 21 |
| 60 | 000F88I | DV(I,J,K)=-PTR*(P1*R2-P2*R1) | 599 | 22 |
| 61 | 000F06I | DW(I,J,K)=PTR*(P1*Q2-P2*Q1) | 600 | 23 |
| 62 | 00101CI | 40 CONTINUE | 601 | 24 |
| 63 | 001064I | CALL WALVAL(1.0,2,L,2,M,2,N,AE) | 602 | 25 |
| 64 | 00108CI | CALL WALVAL(1.0,2,L,2,M,2,N,AW) | 603 | 26 |
| 65 | 001114I | CALL WALVAL(1.0,2,L,2,M,2,N,AN) | 604 | 27 |
| 66 | 00116CI | CALL WALVAL(1.0,2,L,2,M,2,N,AS) | 605 | 28 |
| 67 | 0011C4I | CALL WALVAL(1.0,2,L,2,M,2,N,AT) | 606 | 29 |
| 68 | 00121CI | CALL WALVAL(1.0,2,L,2,M,2,N,AB) | 607 | 30 |
| 69 | 001274I | CALL WALVAL(1.0,2,L,2,M,2,N,DU) | 608 | 31 |
| 70 | 0012CCI | CALL WALVAL(1.0,2,L,2,M,2,N,DV) | 609 | 32 |
| 71 | 001324I | CALL WALVAL(1.0,2,L,2,M,2,N,DW) | 610 | 33 |
| 72 | 00137CI | CALL WALVAL(1.0,2,L,2,M,2,N,SU) | 611 | 34 |
| 73 | 0013D4I | DO 80 I=1,L | 612 | 35 |
| 74 | 0013E8I | DO 80 J=1,M | 613 | 36 |
| 75 | 0013FCI | DO 80 K=1,N | 614 | 37 |
| 76 | 001410I | CX(I,J,K)=(AE(I,J,K)+AE(I,J+1,K)+AE(I,J,K+1)+AE(I,J+1,K+1)+ | 615 | 38 |
| 77 | | 1 AE(I+1,J,K)+AE(I+1,J+1,K)+AE(I+1,J,K+1)+AE(I+1,J+1,K+1))*0.125 | 616 | |
| 78 | 001594I | CY(I,J,K)=(AW(I,J,K)+AW(I,J+1,K)+AW(I,J,K+1)+AW(I,J+1,K+1)+ | 617 | 39 |
| 79 | | 1 AW(I+1,J,K)+AW(I+1,J+1,K)+AW(I+1,J,K+1)+AW(I+1,J+1,K+1))*0.125 | 618 | |
| 80 | 001718I | CZ(I,J,K)=(AN(I,J,K)+AN(I,J+1,K)+AN(I,J,K+1)+AN(I,J+1,K+1)+ | 619 | 40 |
| 81 | | 1 AN(I+1,J,K)+AN(I+1,J+1,K)+AN(I+1,J,K+1)+AN(I+1,J+1,K+1))*0.125 | 620 | |
| 82 | 00189CI | EX(I,J,K)=(AS(I,J,K)+AS(I,J+1,K)+AS(I,J,K+1)+AS(I,J+1,K+1)+ | 621 | 41 |
| 83 | | 1 AS(I+1,J,K)+AS(I+1,J+1,K)+AS(I+1,J,K+1)+AS(I+1,J+1,K+1))*0.125 | 622 | |
| 84 | 001A20I | EY(I,J,K)=(AT(I,J,K)+AT(I,J+1,K)+AT(I,J,K+1)+AT(I,J+1,K+1)+ | 623 | 42 |
| 85 | | 1 AT(I+1,J,K)+AT(I+1,J+1,K)+AT(I+1,J,K+1)+AT(I+1,J+1,K+1))*0.125 | 624 | |
| 86 | 001B44I | EZ(I,J,K)=(AB(I,J,K)+AB(I,J+1,K)+AB(I,J,K+1)+AB(I,J+1,K+1)+ | 625 | 43 |
| 87 | | 1 AB(I+1,J,K)+AB(I+1,J+1,K)+AB(I+1,J,K+1)+AB(I+1,J+1,K+1))*0.125 | 626 | |
| 88 | 001D28I | SX(I,J,K)=(DU(I,J,K)+DU(I,J+1,K)+DU(I,J,K+1)+DU(I,J+1,K+1)+ | 627 | 44 |
| 89 | | 1 DU(I+1,J,K)+DU(I+1,J+1,K)+DU(I+1,J,K+1)+DU(I+1,J+1,K+1))*0.125 | 628 | |
| 90 | 001E4CI | SY(I,J,K)=(DV(I,J,K)+DV(I,J+1,K)+DV(I,J,K+1)+DV(I,J+1,K+1)+ | 629 | 45 |
| 91 | | 1 DV(I+1,J,K)+DV(I+1,J+1,K)+DV(I+1,J,K+1)+DV(I+1,J+1,K+1))*0.125 | 630 | |
| 92 | 002030I | SZ(I,J,K)=(DW(I,J,K)+DW(I,J+1,K)+DW(I,J,K+1)+DW(I,J+1,K+1)+ | 631 | 46 |
| 93 | | 1 DW(I+1,J,K)+DW(I+1,J+1,K)+DW(I+1,J,K+1)+DW(I+1,J+1,K+1))*0.125 | 632 | |
| 94 | 0021B4I | TJO(I,J,K)=(SU(I,J,K)+SU(I,J+1,K)+SU(I,J,K+1)+SU(I,J+1,K+1)+ | 633 | 47 |
| 95 | | 1 SU(I+1,J,K)+SU(I+1,J+1,K)+SU(I+1,J,K+1)+SU(I+1,J+1,K+1))*0.125 | 634 | |
| 96 | 002338I | 80 CONTINUE | 635 | 48 |
| 97 | 002380I | DO 200 I=1,LO | 636 | 49 |
| 98 | 002394I | DO 200 J=1,MO | 637 | 50 |
| 99 | 0023A8I | DO 200 K=1,NO | 638 | 51 |
| 100 | 0023BCI | DU(I,J,K)=0.0 | 639 | 52 |
| 101 | 0023E8I | 200 CONTINUE | 640 | 53 |
| 102 | 002430I | DO 160 I=2,LT | 641 | 54 |
| 103 | 002444I | DO 160 J=2,MT | 642 | 55 |
| 104 | 002458I | DO 160 K=2,NT | 643 | 56 |
| 105 | 00246CI | CXE=(CX(I+1,J,K)+CX(I,J,K))*0.5 | 644 | 57 |
| 106 | 0024C8I | CXW=(CX(I-1,J,K)+CX(I,J,K))*0.5 | 645 | 58 |
| 107 | 002524I | CXN=(CX(I,J+1,K)+CX(I,J,K))*0.5 | 646 | 59 |
| 108 | 002580I | CXS=(CX(I,J,K)+CX(I,J-1,K))*0.5 | 647 | 60 |
| 109 | 00250CI | CXT=(CX(I,J,K+1)+CX(I,J,K))*0.5 | 648 | 61 |
| 110 | 002636I | CXB=(CX(I,J,K)+CX(I,J,K-1))*0.5 | 649 | 62 |
| 111 | 002690I | CYE=(CY(I+1,J,K)+CY(I,J,K))*0.5 | 650 | 63 |
| 112 | 0026ECI | CYW=(CY(I,J,K)+CY(I-1,J,K))*0.5 | 651 | 64 |
| 113 | 002748I | CYN=(CY(I,J+1,K)+CY(I,J,K))*0.5 | 652 | 65 |
| 114 | 0027A4I | CYS=(CY(I,J,K)+CY(I,J-1,K))*0.5 | 653 | 66 |