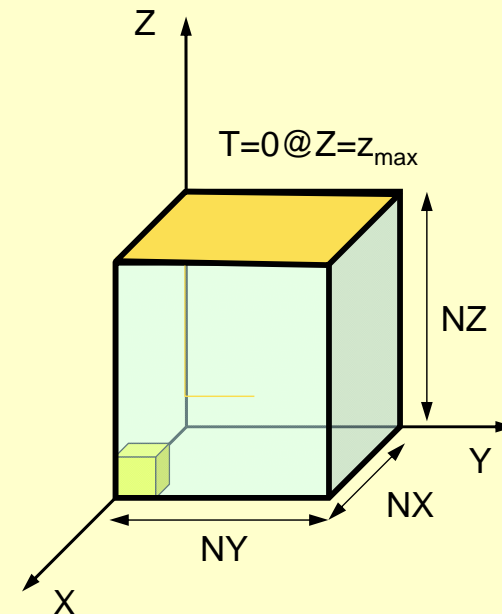


MAT_ASS_BC: Overview

```
do i= 1, NP      Loop for Nodes
  "Mark" nodes where Dirichlet B.C. are applied (IWKX)
enddo
```

```
do i= 1, NP Loop for Nodes
  if (IWKX(i,1).eq.1) then if "marked" nodes
    corresponding components of RHS (B),
    Diagonal (D) are corrected
    do k= index(i-1)+1, index(i) Non-Zero Off-Diagonal Nodes
      corresponding comp. of non-zero off-diagonal
      components (AMAT) are corrected
    enddo
  endif
enddo
```

```
do i= 1, NP Loop for Nodes
  do k= index(i-1)+1, index(i) Non-Zero Off-Diagonal Nodes
    if (IWKX(item(k),1).eq.1) then
      if corresponding non-zero
      off-diagonal node is "marked"
      corresponding components of RHS and AMAT are corrected (col.)
    endif
  enddo
enddo
```



Report S3 (3/3)

- Deadline: 17:00 October 12th (Sat), 2013.
 - Send files via e-mail at `nakajima(at)cc.u-tokyo.ac.jp`
- Report
 - Cover Page: Name, ID, and Problem ID (S3) must be written.
 - Less than ten pages including figures and tables (A4).
 - Strategy
 - Structure of the Program
 - Numerical Experiments, Performance Analysis
 - Remarks
 - Output list (as small as possible)