Modified PSD Code Documentation

- Why modification in the first place?

  We believe the code is designed for surfaces which are perfectly planar, however, in membrane systems, there is a high chance that a monomer end can come out resulting in increment in box dimension in that direction, which induce bogus pore sizes while calculating PSD at the surface.

- What to do?

  Open PDB in vmd and run the commands in Tk console

  ```
  pbc box -center bb
  pbc get
  ```

  Your output will be [a b c α β γ]

- Implementation

  psdM < xyz-file > < test particle radius(Å) > < bin-size(Å) > < a > < b > < c >

- Optimal bin-size is 0.25 Å