

In the name of God

Department of Physics  
Shahid Beheshti University

ADVANCED COURSE ON COMPUTATIONAL PHYSICS

Exercise Set 6

(Due Date: 1403/08/24)

1. Un-weighted TPCF:

**A** : Compute the un-weighted TPCF of peaks for (1+1)-Dimension data set (1d\_data.txt) using Natural estimator.

**B** : Compute the un-weighted TPCF of peaks for (1+2)-Dimension data set (2d\_data.txt) and (2d\_datab.txt) using Natural estimator.

Good luck, Movahed

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