

AFAPText.for, A2danQCDext.for, AMPText.for:

Fortran programs for numerical evaluation of the analytic (holomorphic)  $A_{\nu}(Q^2)$  couplings in FAPT model (Fractional Analytic Perturbation Theory); 2danQCD model (Two-delta analytic QCD); Massive Perturbation Theory (MPT).

These programs have been checked to work with 'gfortran' command in Linux (Scientific Linux 6, Ubuntu 14.04 LTS) and in Windows 8 (Windows 8.1 Pro)

These programs can be freely distributed

The INPUT parameters should be typed into the program file as described in the comments at the beginning of each of the program files.

The compilation is performed, e.g., by the 'gfortran' command. For example, for AMPText.for program, type in the directory where the Fortran file is situated, the following command:

```
gfortran -o exAMPT AMPText.for
```

The program is then executed by the command (in the same directory):

```
./exAMPT
```

The OUTPUT is then generated in the file AMPText.dat, where the values of various  $\tilde{A}_{\nu}(Q^2)$  and  $A_{\nu}(Q^2)$  couplings are given.

More detailed instructions are given as comments at the beginning of each of the Fortran program files, and in the text report about the programs (anQCD: Fortran programs for couplings at complex momenta in various analytic QCD models).

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