References where the mathematical symbols are defined:
The fragment molecular orbital method: practical applications to large molecular systems、
D. G. Fedorov, K. Kitaura, Eds., CRC Press (2009), in press, chapter 1, **or**
D. G. Fedorov, K. Kitaura, J. Phys. Chem. A 111 (2007) 6904-6914.

```
One-body FMO properties.
========================

                        Ecorr E'_I        Euncorr        DX        DY        DZ
   1(frg00001,L1)    -76.191947612    -76.007836505  -1.77830   0.65969   1.48864
   2(frg00002,L1)    -76.191961348    -76.007891466   1.28642   1.11442  -1.69243
   3(frg00003,L1)    -76.191905112    -76.007851357   0.38270  -2.11713  -1.05827

Total energy of the molecule: Ecorr  (1)=     -228.575814072

Total energy of the molecule: Euncorr(1)=     -228.023579328

Total energy of the molecule: Edelta (1)=       -0.552234744
Dipole moment D(xyz),DA(1)=   -0.1091791   -0.3430276   -1.2620705    1.3124061

Two-body FMO properties.
========================

DL: D=C dynamically correlated (MP2,CI), D=N not dynamically correlated
(RHF,DFT). D=S separated dimer: semiclassical interaction (ES), D=M MCSCF.
L stands for layer, Z is the monomer charge product, R is the interfragment
distance relative to van-der-Waals radii (-1.00 is printed if distances are
not computed). dDIJ*VIJ is the density polarisation contribution.
Q(I->J) is the charge transfer amount, printed as zero if not available.
Positive values correspond to I in IJ having extra negative charge.

   I    J DL  Z    R   Q(I->J)        Ecorr           Euncorr      EIJ-EI-EJ,corr/uncorr  dDIJ*VIJ,unc tot,corr
                R_IJ   dQ_IJ                                        dE'_IJ      dE'^RHF_IJ  Tr(dD^IJ V^IJ)  dE^int_IJ
-------------------------------------------------------------------------------------------------------------------
   2    1 C1  0   0.76  0.0282   -152.397129212   -152.026399729  -0.01322025  -0.01067176 -0.00072479    -8.751
   3    1 C1  0   0.76 -0.0270   -152.397000640   -152.026329054  -0.01314792  -0.01064119 -0.00069990    -8.690
   3    2 C1  0   0.77  0.0251   -152.395924095   -152.025383234  -0.01205763  -0.00964041 -0.00065907    -7.980

Total energy of the molecule: Ecorr  (2)=     -228.616323630 E^FMO2-MP2

Total energy of the molecule: Euncorr(2)=     -228.056616444 E^FMO2-RHF

Total energy of the molecule: Edelta (2)=       -0.559707186
Dipole moment D(xyz),DA(2)=   -0.1306606   -0.3288742   -1.2622254    1.3108941 D^FMO2-RHF

Charge transfer for each fragment:

 IFG QFG  DeltaQ     and its contributions from JFG, Q(JFG->IFG).
-------------------------------------------------------------------------
   1  0   0.0012 =    2->  0.0282    3-> -0.0270
   2  0  -0.0031 =    1-> -0.0282    3->  0.0251
```

```
   3  0   0.0019 =    1->  0.0270    2-> -0.0251

Total absolute monomer transf. charge   =    0.006128 ΔQ̄
Total amount of absolute transf. charge =    0.080338 ΔQ

Three-body FMO properties.
==========================

   I   J   K DL   RMIN   RMAX       Ecorr       deltaEIJK,corr/uncorr   dDIJK*VIJK    tot
                                                  ΔE'_IJK      ΔE'^RHF_IJK    ΔE^D_IJK    ΔE^int_IJK
-------------------------------------------------------------------------------------------
   3   2   1 C1   0.76   0.76   -228.615831053 -0.00159118 -0.00173101  0.00208375    0.309

Total energy of the molecule: Ecorr  (3)=     -228.615831053 E^FMO3-MP2

Total energy of the molecule: Euncorr(3)=     -228.056263700 E^FMO3-RHF

Total energy of the molecule: Edelta (3)=       -0.559567353
Dipole moment D(xyz),DA(3)=   -0.1292292   -0.3294254   -1.2622198    1.3108852 D^FMO3-RHF

n-body Mulliken atomic charges Q(n)

  IAT  IFG   Z       Q(1)        Q(2)        Q(3)
   1    1   8.0   -0.959373   -0.961737   -0.962384
   2    1   1.0    0.499521    0.508812    0.509189
   3    1   1.0    0.459853    0.454091    0.454418
   4    2   8.0   -0.957268   -0.962262   -0.963056
   5    2   1.0    0.499446    0.507613    0.508127
   6    2   1.0    0.457823    0.451585    0.451920
   7    3   8.0   -0.957996   -0.958814   -0.959831
   8    3   1.0    0.499980    0.508432    0.508997
   9    3   1.0    0.458016    0.452280    0.452620
```