

Integral types and classes

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1 Integral1e2c

class name	requires
Overlap	basis function (bf) centers/positions, bf exponents, bf contraction coefficients
Kinetic	
Potential	
FermiContact/FC	
SpinDipole/SD	
ElectricField/EF	
ElectricFieldGradient/EFG	
SpinOrbit	
Dipole/DipoleLength	
SecondMoment	
Quadrupole	
TracelessQuadrupole	
Multipole	
Nabla/DipoleVelocity	
AngularMomentum	
OverlapDer1	
KineticDer1	
PotentialDer1	

2 Integral2e4c

class name	requires
Repulsion	
SpinOrbitExact	