

```

FA [ {x_}, \gamma_ ] := Simplify [
  Switch [ x, Ap_ , 1, Am_ , -1 ] *
  Switch [ x, _1,2, \frac{\gamma_{2,2} \gamma_{3,3} - \gamma_{2,3} \gamma_{3,2}}{\gamma_{3,3} + \gamma_{1,3} \gamma_{3,2} - \gamma_{1,2} \gamma_{3,3}},
    _2,1, \frac{\gamma_{1,3} \gamma_{3,2} - \gamma_{1,2} \gamma_{3,3}}{\gamma_{3,2} - \gamma_{2,3} \gamma_{3,2} + \gamma_{2,2} \gamma_{3,3}} ] /. T_ \to T ] ;
GGA [ K_ , bb_ ] := GG [ GD @ K , {1} , FA , bb ] ;

```