$$line: a_{11}\psi_{1} + a_{22}\psi_{2} + a_{33}\psi_{3} + a_{44}\psi_{4} + \sum_{1 \leq i} j < k \leq 4\psi_{j}\psi_{k}[A]_{j,k} + \psi_{1}\psi_{2}\psi_{3}[A]_{1,2,3} + \psi_{1}\psi_{2}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,3,4} + \psi_{2}\psi_{3}\psi_{4}[A]_{1,2,3} + \psi_{1}\psi_{2}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,3,4} + \psi_{2}\psi_{3}\psi_{4}[A]_{1,2,3} + \psi_{1}\psi_{2}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,3,4} + \psi_{2}\psi_{3}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,3,4} + \psi_{2}\psi_{3}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{2}\psi_{3}[A]_{1,2,4} + \psi_{1}\psi_{2}\psi_{3}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,3,4} + \psi_{2}\psi_{3}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}\psi_{4}[A]_{1,2,4} + \psi_{1}\psi_{3}[A]_{1,2,4} + \psi$$