

Given a symmetric game with payoff matrix A where $A_{11}=0$, $A_{12}=3$, $A_{13}=0$, $A_{21}=0$, $A_{22}=0$, $A_{23}=3$, $A_{31}=2$, $A_{32}=2$, $A_{33}=2$, write two programs computing a (symmetric) mixed Nash equilibrium (i) (30%) by brute force ([HW3](#) problem 2), and (ii) (70%) by the Lemke–Howson algorithm, using C++, Java, or Python.