

Problem of the week #7

Due October 18th

Problem. Find the polynomial whose roots are the squares of the roots of $T^3 + aT^2 + bT + c$ (counted with multiplicity if necessary).

- Partial credit may be given for partial answers.
- Each POW will be due the following week at 1pm.
- Questions? Email: bthorner@unomaha.edu
- Submit solutions to (above email), DSC 210, or DSC 203.
- POWs, solutions, backgrounds, leaderboard available at

https://www.unomaha.edu/college-of-arts-and-sciences/mathematics/student-opportunities/pow_solutions.php