Submit your solutions before the finishing date to the address: ProbOfTheWeek@utdallas.edu

Problem of the Week

Finishing date: 11/25/2015

Find all real roots of the following equation:

$$x^{2} + \frac{1}{x} + 7(x+1) = 8\sqrt{2(x^{2}+1)}$$

Previous problem winners:

Zachary Hancock (first solution), and Brendan Caseria.



