

Tough Nut to Crack - Integration Problem

To be submitted by midday Friday 20th March 2015.

The prize is a mathematics book yet to be decided.

Determine the following:

$$\int_0^{\pi^2} x \sin(\sqrt{x}) \, dx$$

The solution needs to be word processed and emailed to me at k.singh@herts.ac.uk

The criteria for winning the prize is order of priority are:

- 1) The correct answer.
- 2) The best presented answer.