

SCMS Seminar



A RECIPROCAL PROBLEM OF GAN-GROSS-PRASAD CONJECTURES WITH AN APPROACH VIA TWISTED DESCENT METHOD

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Lecture

Time: 15:00-16:00, Friday, Mar. 23, 2018

Venue: Room 2201, East Main Guanghua Tower, Handan Campus

Abstract: In this talk, we will introduce a reciprocal problem of the Gan-Gross-Prasad conjectures, and explain an approach using the twisted descent method. In particular, we will give both local and global examples in the case of special orthogonal groups.

$$k_2 = hf(x_1 + \frac{1}{2}y_1 + \frac{k_2}{2})$$
$$b_i - \frac{(\sum_{j=1}^{i-1} a_{ij}x_j^{(k)} + \sum_{j=i+1}^n a_{ij}x_j^{(k)})}{x_{i+1}}$$
$$\Delta y_i = \int_{x_i}^{x_{i+1}} \frac{a_{ij} y' dx}{b_i - (\sum_{j=1}^{i-1} a_{ij}x_j^{(k)} + \sum_{j=i+1}^n a_{ij}x_j^{(k)})}$$
$$\int_{x_k}^{x_{k+1}} f(x, y) dx = \int_{x_k}^{x_{k+1}} y' dx = y(x)$$
$$-\sqrt{(y_n + 0.5\tau k_1)^2 + (t_n + 0.5\tau)^2}$$