

SCMS Seminar



NEW DEVELOPMENTS OF ENTROPY THEORY

Speaker: Prof. Jiagang Yang

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Time: 10:30 - 11:30 am, Tuesday, July 18, 2017

Venue: Room 2201, East Guanghua Tower (Main), Fudan University

Abstract: In this talk, we will introduce some new developments of entropy theory and their applications on differentiable dynamical systems, physical measures and random cocycles.

$$k_3 = hf\left(x_{i-1} + \frac{h}{2}, y_{i-1} + \frac{k_2^{(i-1)}}{2}\right)$$
$$b_i = \frac{\sum_{j=1}^{i-1} a_{ij} x_j^{(k)} + \sum_{j=i+1}^n a_{ij} x_j^{(k)}}{\sum_{j=1}^{i-1} a_{ij} x_j^{(k)} + \sum_{j=i+1}^n a_{ij} x_j^{(k)}}$$
$$\Delta y_i = \int_{x_i}^{x_{i+1}} y' dx$$
$$\int_{x_k}^{x_{k+1}} f(x, y) dx = \int_{x_k}^{x_{k+1}} y' dx = y(x)$$
$$-\sqrt{(y_n + 0.5\tau k_1)^2 + (t_n + 0.5\tau)^2}$$