

SCMS Seminar



ON THE STRUCTURE OF RICCI SHRINKERS

Bing Wang

University of Science and Technology of China

Lecture

Time: 10:00-11:00, Friday, Jan. 04, 2019

Venue: Room 102, Shanghai Center for Mathematical Sciences

Abstract: We develop a structure theory for non-collapsed Ricci shrinkers without any curvature condition. As applications, we obtain some curvature estimates of the Ricci shrinkers depending only on the non-collapsing constant.

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

