

# SCMS Seminar Series

## *Beilison-BLock Conjecture for Complete Intersection*

**Dr. Shouxin Dai, Chinese Academy of Sciences**

**Time:** 3:30-5:30 pm, Wednesday, October 23<sup>rd</sup>

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

**Abstract:** Overview of Voisin's work on Beilison-BLock conjecture for complete intersection.

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