



國立東華大學  
應用數學系

## 專題講座

# Integral points and entire analytic curves on varieties

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地點 理工一館A318室

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Diophantine geometry concerns, for example, integral or rational solutions of a set of polynomials over the field of rational numbers. The general philosophy is that the geometry governs arithmetic behavior. Another interesting aspect in Diophantine geometry is its correspondence with complex hyperbolicity via Vojta's dictionary which translates properties of rational points into properties of complex analytic curves. In this talk, we will introduce this correspondence and some results in both directions.