

Department of Mathematics
City University of Hong Kong

Colloquium

Organised by Prof. Tong Yang and Dr. Xiang Zhou

Bonnet Surfaces and the Sixth Painleve Equation

by

Professor Robert Conte

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Abstract :

We show that the moving frame equations of Bonnet surfaces can be extrapolated to a second order, isomonodromic matrix Lax pair of the sixth Painleve equation. This optimizes the result of Jimbo and Miwa (1981). arXiv: 1607.01222

Date: 25th October 2016 (Tuesday)
Time: 4:30 – 5:30pm
Venue: Room B6605
Blue Zone, Level 6, Academic 1 (AC1)
City University of Hong Kong

**** All interested are welcome ****
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