

PIMS UVic Site Distinguished Lecturer

Thursday, March 16, 2023 2:15 meet & greet, 2:30 pm lecture DSB room C108



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Incidences and line counting: from the discrete to the fractal setting

How many lines are spanned by a set of planar points?. If the points are collinear, then the answer is clearly "one". If they are not collinear, however, several different answers exist when sets are finite and "how many" is measured by cardinality. I will discuss a bit of the history of this problem and present a recent extension to the discretized and continuum settings, obtained in collaboration with T. Orponen and H. Wang. No specialized background will be assumed.

Join us at 2:15 pm for coffee/tea meet & greet, then a lecture at 2:30 pm



