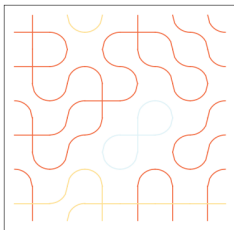Etienne Granet

Supervisors : Hubert Saleur and Jesper Jacobsen

An example of a 2D non-unitary field theory : the supersphere $S^{n|m}$ sigma-model, and its Bethe-ansatz-solvable lattice regularization as a dense loop soup with crossings

$$\langle \phi(x)\phi(0) \rangle \sim \frac{1}{x^a (\log x)^b} \qquad (1)$$