## Structure of conformal field theories and Liouville fusion matrix

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The structure of quantum two dimensional conformal field theories is severely constrained by the conformal symmetry and one can in principle reconstruct entire theory out of two and three point correlation functions. However, one can perform this in various different ways, and the internal consistence of the construction is ensured by the existence of fusion and braiding matrices. I will define the fusion and braiding matrix in the context of rational CFTs and Liouville theory. I will also try to shortly relate the fusion matrix with the 6j symbols for the representations of  $U_q(sl(2))$  Hopf algebras.