

1063-46-261

Marta Asaeda* (marta@math.ucr.edu). *The classification of finite depth subfactors—an overview and the recent developments.*

The classification of subfactors was started by V. Jones, and it developed dramatically, involving various other fields of mathematics. Existence of subfactors that do not come directly from other objects such as quantum groups was raised as question, and Haagerup gave the list of the candidates of graphs that might be invariants for such subfactors with index a little above 4. I would like to give an overview on the topic in this direction, including the most recent results by various people. (Received August 17, 2010)