

Recent progress

- Constructed the missing case, extended Haagerup, from earlier classifications.
- Developed uniform new techniques from number theory to reduce classifications to finite problems.
- The classification of subfactors with index less than 5.

There's still plenty more to do:

- The classification beyond 5 looks difficult; perhaps we'll need new techniques.
- Computer searches show that the classification remains sparse, but also find new candidate examples.
- It will be interesting to try to construct these!