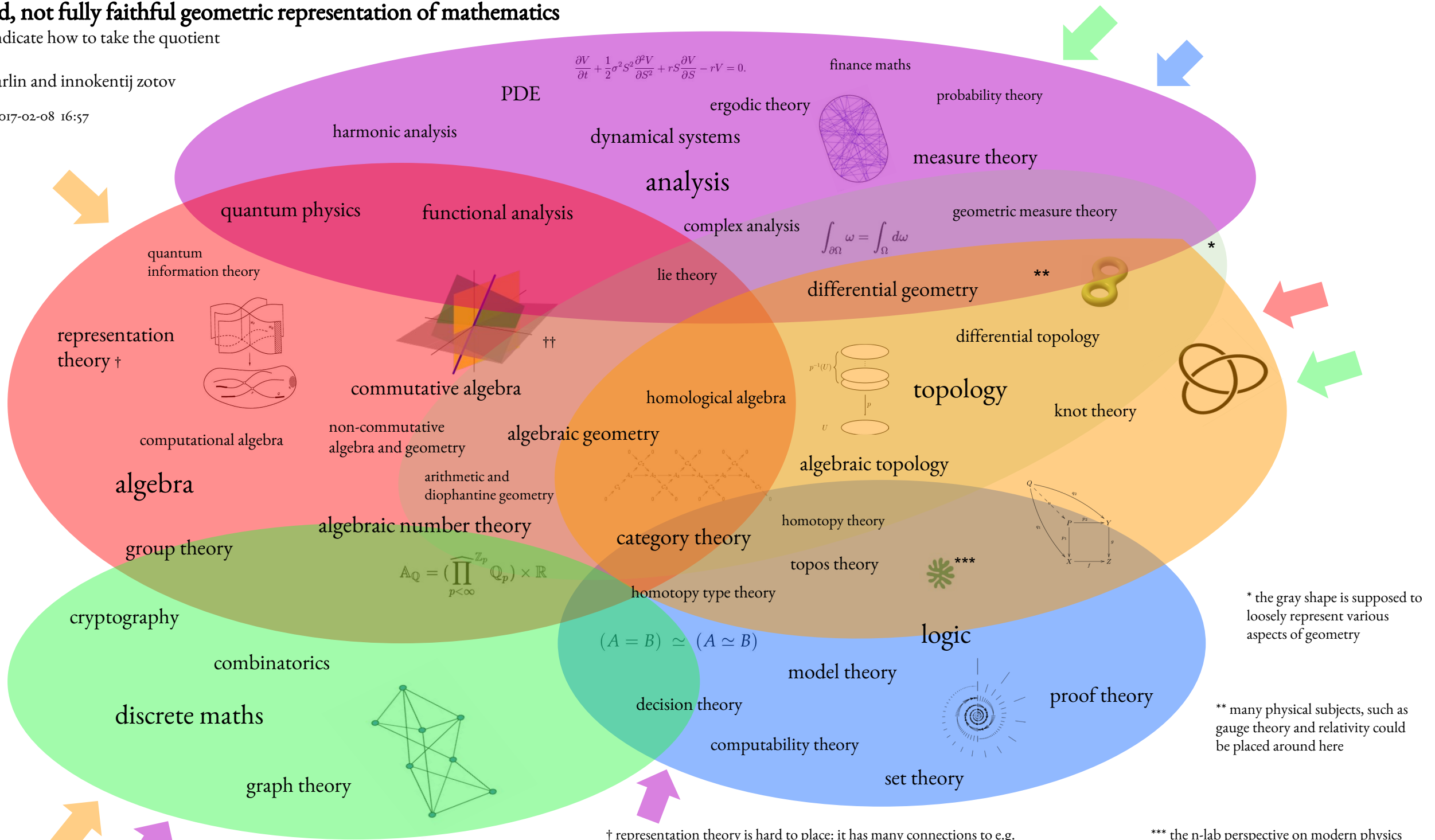


# a biased, not fully faithful geometric representation of mathematics

arrows indicate how to take the quotient

by axel sarlin and innokentij zotov

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\* the gray shape is supposed to loosely represent various aspects of geometry

\*\* many physical subjects, such as gauge theory and relativity could be placed around here

\*\*\* the n-lab perspective on modern physics would end up in here somewhere

† representation theory is hard to place: it has many connections to e.g. number theory, differential geometry, harmonic analysis, combinatorics...

†† whilst not really a research subject on its own, linear algebra would fit in here. Some still active aspects of it could be considered computational or commutative algebra...