Research Assignment 1

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5 Galaxy Merger Sequence of MW and/or M31: stellar evolution through close encounters

• how do the bars within both galaxies evolve? What happens to those bars after the merger?

I would imagine they dissipate, since elliptical galaxies don't have barred structures and the Milkomeda galaxy is expected to be elliptical. This relates closely to the velocity dispersion, at least around the core, so as this research question becomes more concrete, I could touch on answering other questions too. At any rate, I look forward to what I'll learn by probing into this question.