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Floer theory without Floer theory

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The Fukaya A -infinity structure on Lagrangian Floer cohomology contains important geometric information but is near-impossible to access directly. Cho, Hong and Lau introduced the remarkable idea of "localised mirror functors", which can dramatically simplify the problem by translating it into the algebraic language of matrix factorisations.

I'll discuss the basic idea behind their construction and some applications towards mirror symmetry.