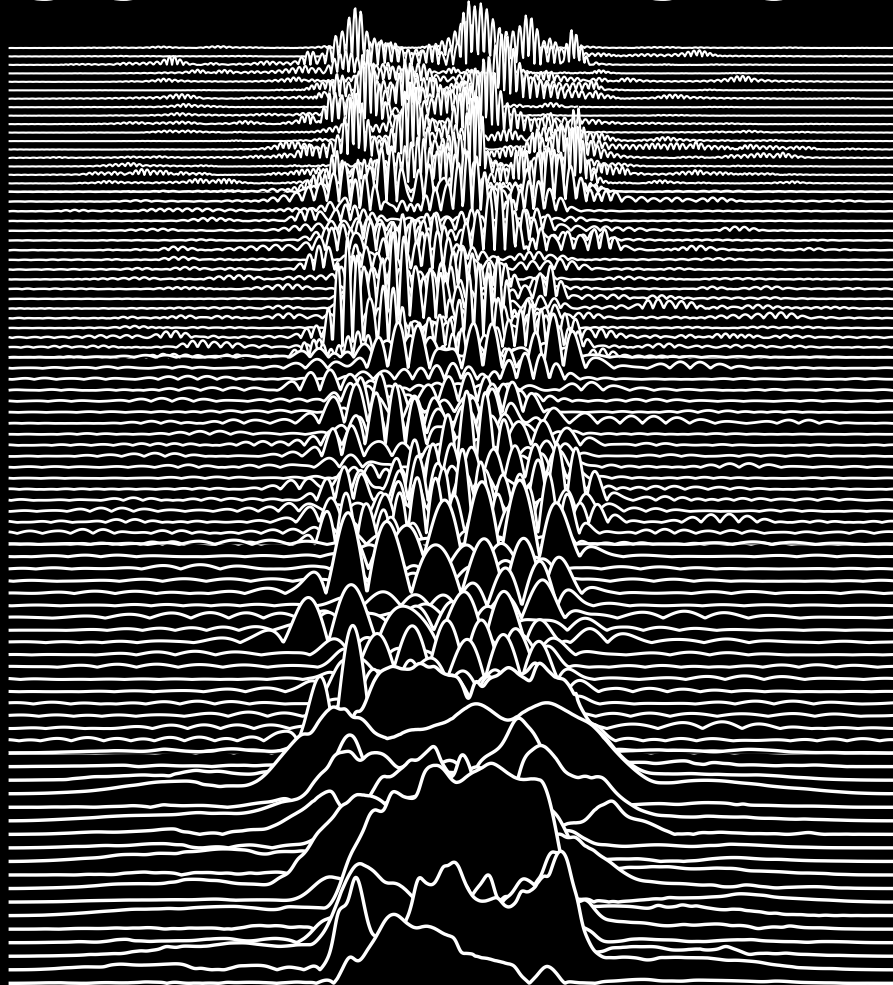


SCALE DIVISION



UNKNOWN STRUCTURES

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Inspired by Joy Division's album cover for Unknown Pleasures. The 18 curves at the bottom are from velocity signals in high-Reynolds number pipe flow. The four sections above are projections of these signals onto

data-driven wavelets at progressively finer scales [Guo, Floryan, Graham JFM (2023), <https://doi.org/10.1017/jfm.2023.639>] so the scale division of the structures is energetically optimal.