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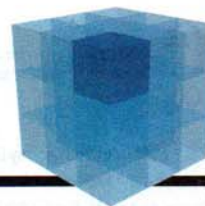
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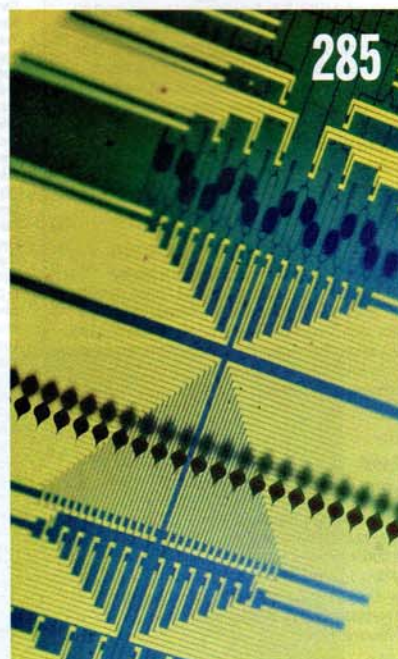
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A three-dimensional micrograph of computationally separated cells with their internal organelles, as captured by a movie of the developing zebrafish eye. Combining

minimally invasive lattice light-sheet microscopy with adaptive optics to counter optical aberrations present in multicellular specimens enables the study of rapid subcellular processes at high resolution within living organisms, where all environmental factors that regulate cellular physiology are present. See page 284. *Image: Betzig Lab, Janelia Research Campus/HHMI; Kirchhausen and Megason Labs, Harvard Medical School*

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