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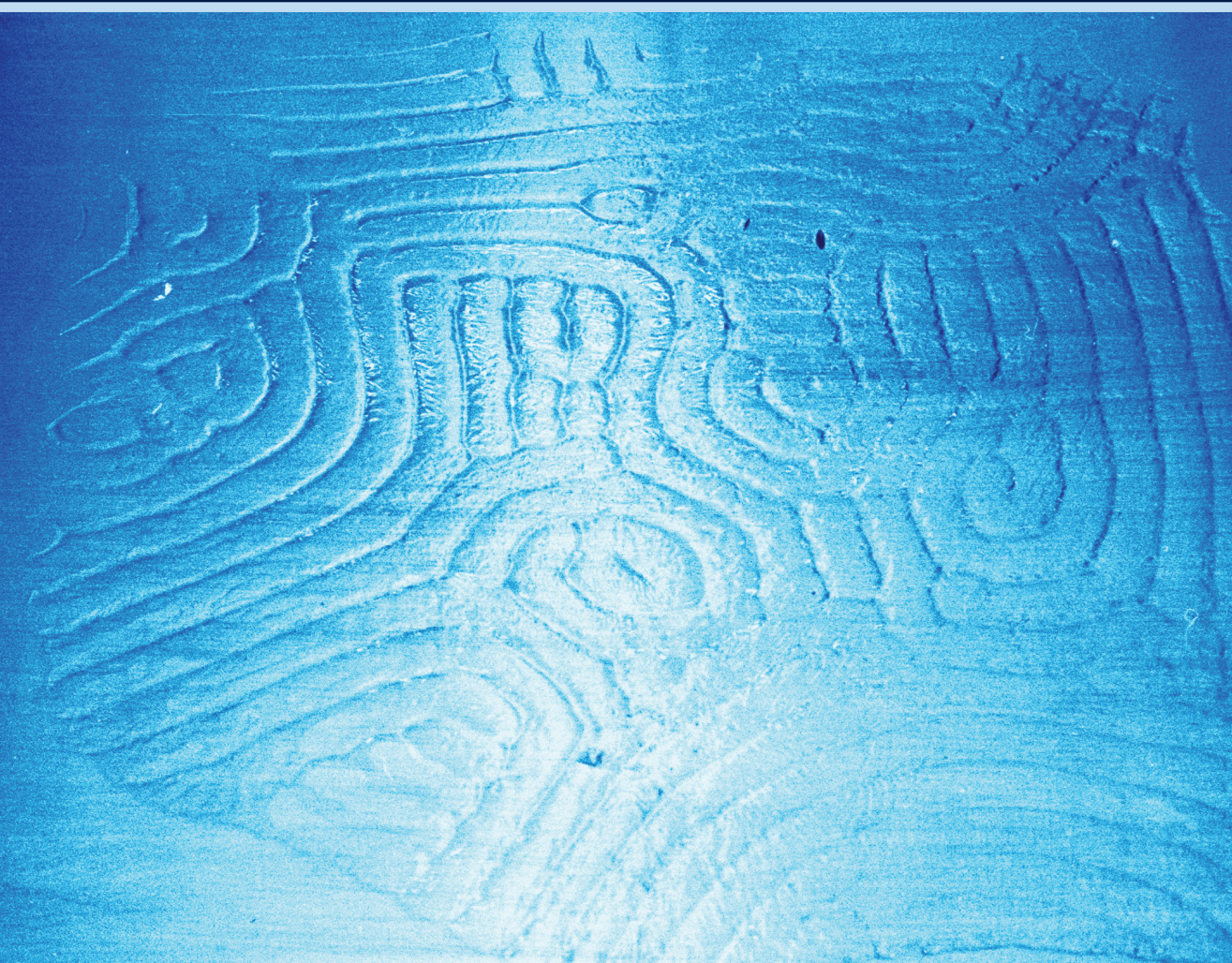
Dedicated to Professor S. H. Davis on his 70th birthday

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The cover image, from Davis Muller & Dietsche (1984, *JFM* 144), shows patterns of nonlinear convection imprinted as surface topography on a slab of solidified cyclohexane.

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**This volume is dedicated to  
Professor Stephen H. Davis  
on his 70th birthday**

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