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2/11/18

Energy

away from
equilibrium

relaxation

equilibrium fluctuations

Onsager's Reciprocal Relations ❖
The Development of Quantum Mechanics ❖
Do Bees Have Color Vision? ❖
(Re)setting Ties Between Scientists and Society ❖
Crossword on the Basic Unit of Life – the Cell

1061

isotropic phase

1101

Photo: Aniruddha Mitra
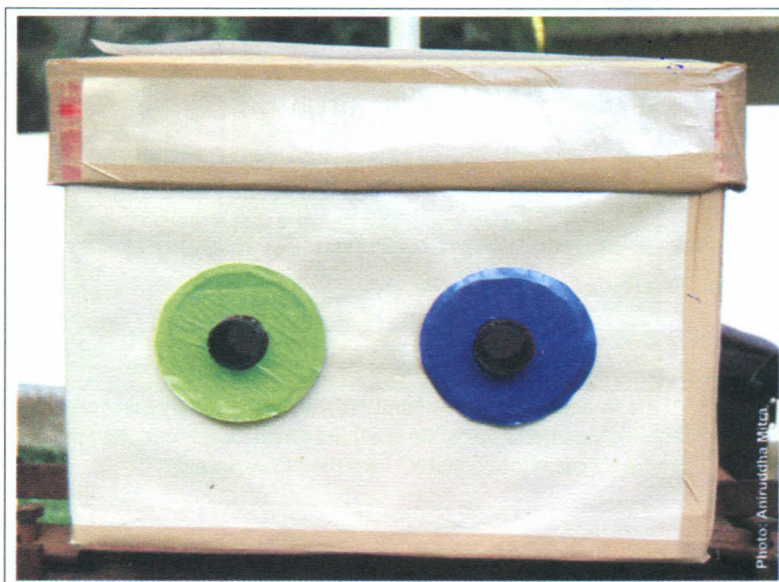
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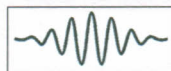Science Education
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Front Cover
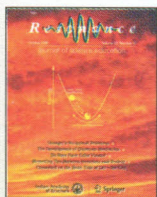
Onsager's regression hypothesis introduced in 1931 forms the corner stone of irreversible thermodynamics. It says that relaxation (regression) back to the equilibrium state from an initial nonequilibrium state follows the same dynamical evolution as that of an infinitesimal fluctuation at equilibrium.

Back Cover
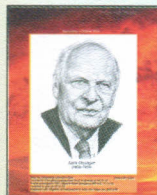
Lars Onsager (1903–1976)
Illustration: Subhankar Biswas