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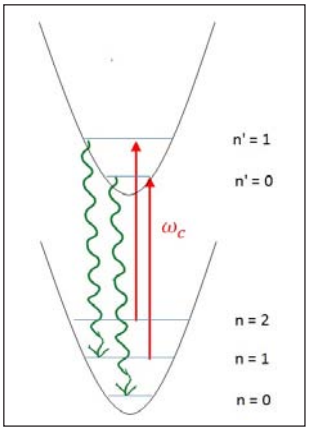


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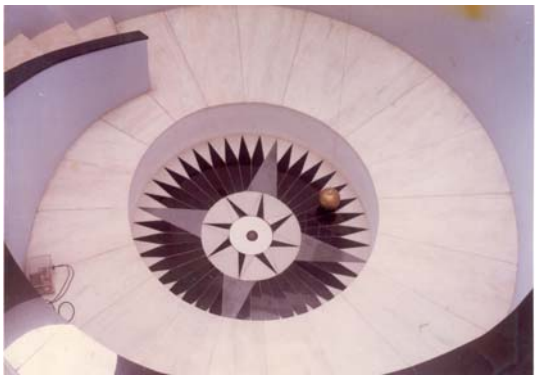

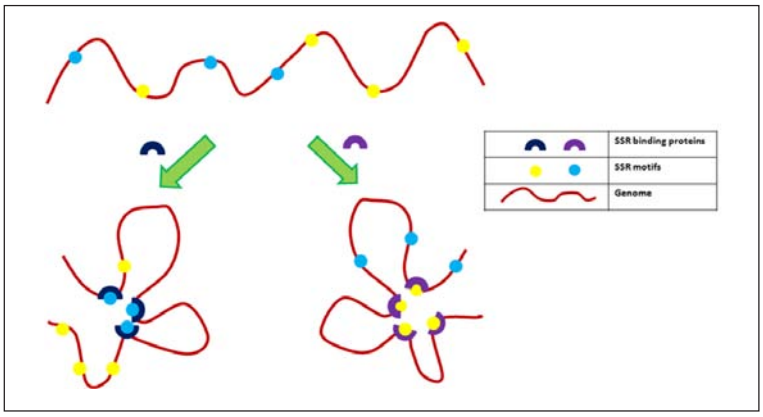


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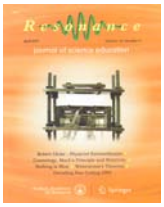
**Front Cover**



Photograph showing a linear Paul trap used for trapping a chain of ions. The ions can be laser cooled to occupy a size that is smaller than the optical wavelength, called the Lamb–Dicke regime. Such tightly-confined ions have recoilless emission, which can be used for quantum computation or atomic clocks.
(Courtesy: Atomic Physics Laboratory, IISc)

**Back Cover**

Robert Henry Dicke
(1916–1997)
(Illustration: Subhankar Biswas)

## DEPARTMENTS