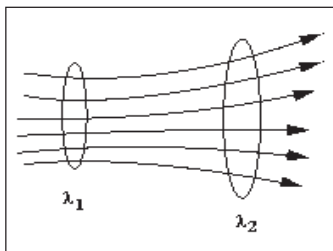


SERIES ARTICLES

319



312 Snippets of Physics

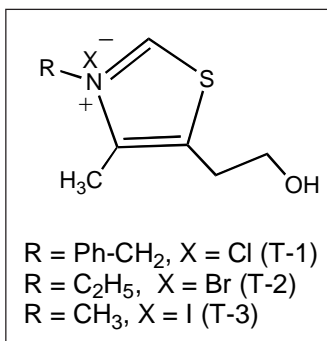
Schwarzschild Metric at a Discounted Price
T Padmanabhan

GENERAL ARTICLES

319 An Introduction to the Raychaudhuri Equations

Sayan Kar

355



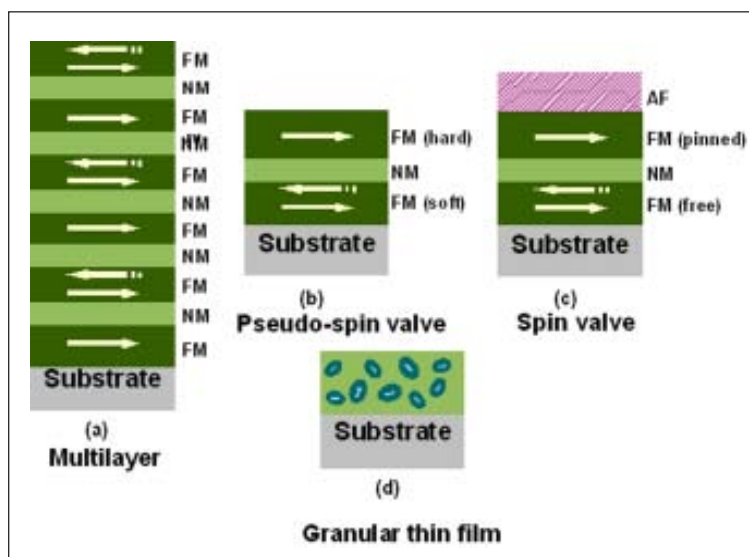
334 Unit Ball in High Dimensions

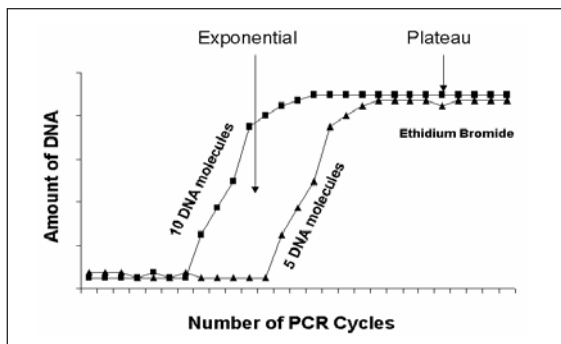
K B Athreya

343 Giant Magnetoresistance

Nobel Prize in Physics 2007
Debakanta Samal and P S Anil Kumar

343





- 355 Benzoin Condensation**
The Cyanide Connection with Tapioca and Vitamin B₁
 Gopalpur Nagendrappa
- 369 Real-Time Polymerase Chain Reaction**
A Revolution in Diagnostics
 Simarjot Singh Pabla and Sarabjot Singh Pabla

REFLECTIONS

- 398 A Little Reminiscence**
A K Raychaudhuri

Front Cover



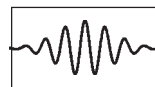
Artist's impression of a black hole.
 (Courtesy:NASA)

Back Cover



Amal Kumar Raychaudhuri
 (1923 – 2005)
 (Illustration: Subhankar Biswas)

DEPARTMENTS



Editorial **307**
Biman Nath

Article-in-a-Box

The Legacy of
 Amal Kumar Ray-
 chaudhuri
Parongama Sen **308**



Classroom

Spinning Ball Flight
 Under Moderate Wind
*K R Y Simha and
 Dhruv C Hosall* **378**



Think It Over

Solution to How Many
 Birds are Unwatched
Soubhik Chakrabarty **394**

Inside Back Cover

Flowering Trees
 (Credit: K Sankara Rao, IISc)

