



**TIFR Centre for Interdisciplinary Sciences,
Narsingi, Hyderabad 500075**

Seminar

**Some Logarithms I have known: the power of
zero**

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Physical relationships involve power laws which can often be understood by dimensional analysis / order of magnitude estimation. In many borderline cases the power turns out to be zero, signalling logarithmic behaviour and the appearance of a scale that we had not thought about in the naive analysis - examples range from the depth of swimming pools to gravitational lensing. A selection of these, chosen for amusement as well as instruction, will be discussed.

Monday, Oct 21st 2013

1:30 PM (Tea/Coffee at 1:15 PM)

Seminar Hall, TCIS