

Prof A N Mitra Memorial Seminar April 14-15, 2025

- Prof Mitra has been a source of inspiration for me all through my life on all three fronts: Physics, Mathematics and spirituality
- This inspiration have been in both visible and invisible (Eklavya style) forms
- Prof Mitra had liking for the Vedanta Philosophy
- Prof Mitra wrote the FOREWORD of my first book on Vedanta Philosophy (1994), which proved to be a source of inspiration for me for my future work in Vedic Science
- Even today, after 30 years or so, I am using the same proposed patomic (Philosophical atom-like) model in giving a scientific flavour to the wisdom described in Upanisads and Srimad Bhagvad-Gita, with reference to a functional human Being. In particular, attempts have been there to understand human behaviour and experiences using some analogies borrowed from physical sciences and theories
- To this effect, I wish to quote the concluding paragraph of Prof Mitra's Article in Current Science, " Profiles of Scientific Philosophy: Paradigms and Serendipity" (Vol 64, 1993)

"I am dancing with my ego phase,

I am a particle my ego a wave."

- Next, I elaborate the meaning of this phrase through the patomic model

From Atom to *Atma*: Exploring a Model for Human Consciousness

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- **Psychophysics: Patomic Model**

- Books & Articles: (1990; 1994; 2011; 2015; 2024)
- Based on famous Verses from Srimad-Bhagvad-Gita (SMBG), namely Verses 3.42; 7.4

- Symbols: Undeniable Essences of Life (EOLs)

WO= worldly objects & stimuli, like physical world, wealth, power and fame

B= biological body

SE = senses of knowledge and action

M= mind; I= intellect; E= ego (self-sense)

(recall '*antahcasutaya*', where 'citta' → dressing rules)

SO = inner-most existence (soul)

b = Being or Jiva or life-principle

- Three existences: $\mathcal{G}=\{WO, B, SE\}$; $\mathcal{M}=\{M, I, E\}$; $\mathcal{C}=\{SO\}$

- b= seed of all essences of life: $\{WO, B, SE, M, I, E, SO\}$ and performs both upward (rare) & downward (frequent) transitions in the space of meditation

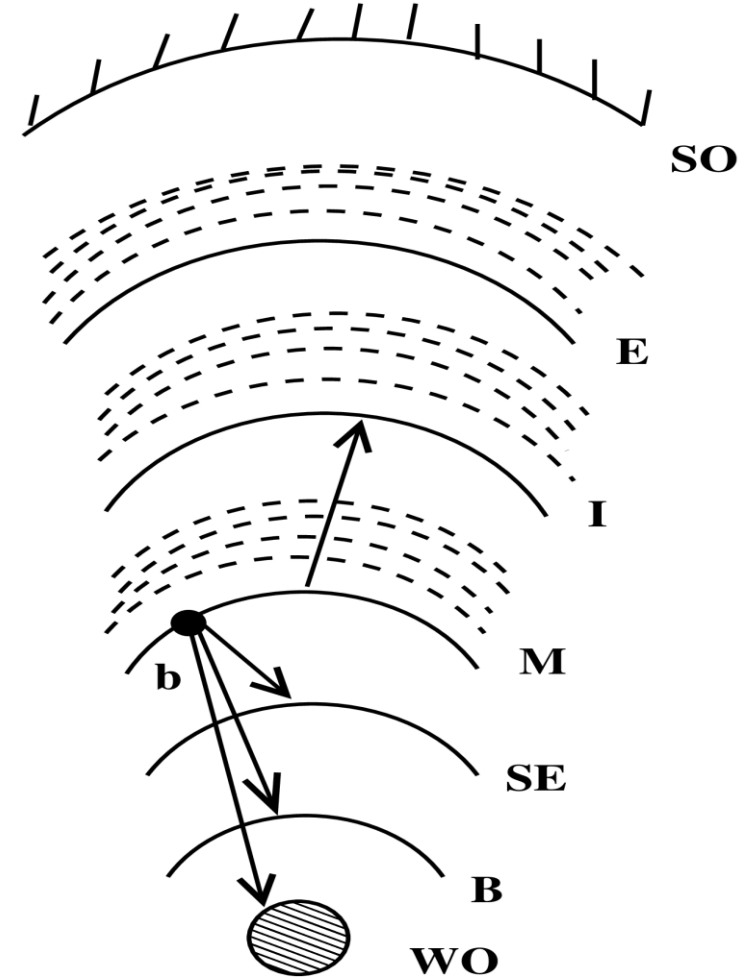
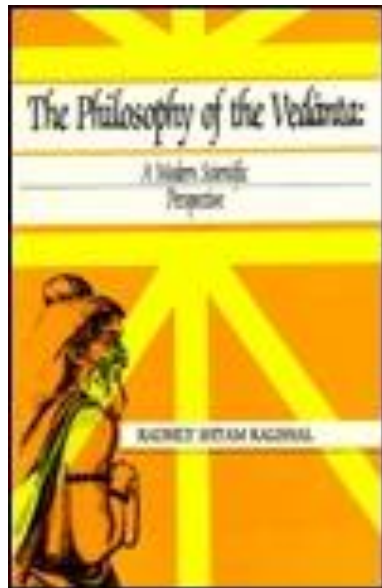
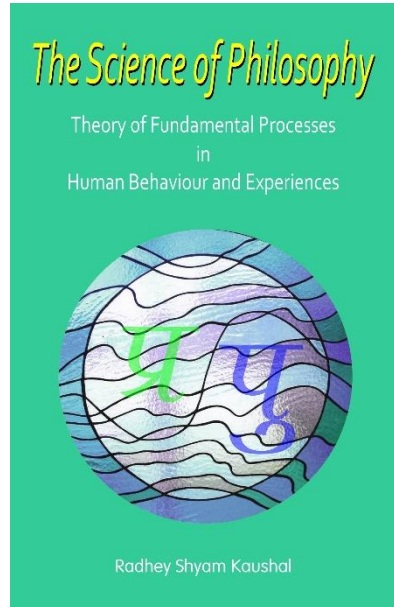


Fig.2: A modified version of patomic model

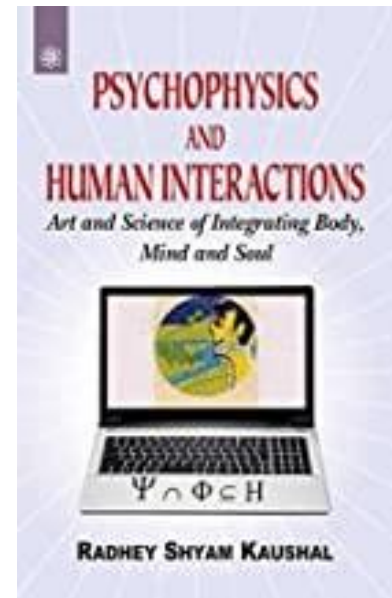
HISTORY OF PATOMIC MODEL



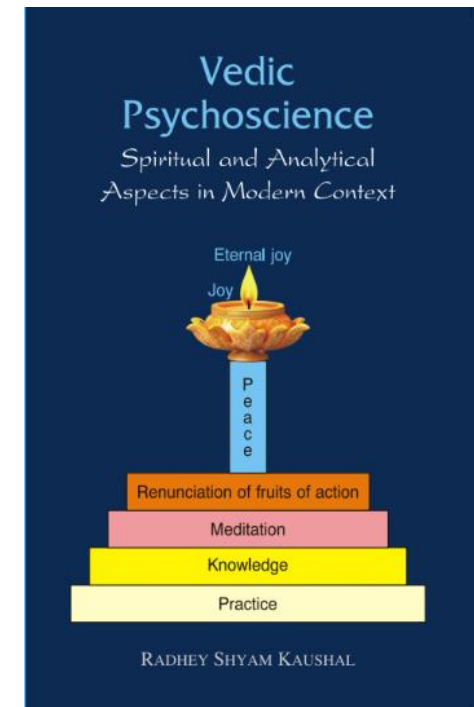
Indian Book Center
(1994)



DK Print World
(2011)



New Age Books
(Motilal Banarasi Das) (2015)



Published by DK Print World
(2024)