In the last half-century, activation-synthesis theory became canonical, dictating American neuroscience of sleep and dream. Yet this powerful theory had been built on simplistic and baseless concepts of neuronal activation. REM sleep was not equivalent to dreaming, the neuroanatomic loci controlling sleep and dream could not be found, and low frequency, low activation states of sleep produced intense states of dreaming. Confronted with this evidence, activation-synthesis trained neuro- and computer-scientists shifted their emphasis to the other half of the construct - brain synthesis. The cognitive processing and thinking described as synthesis was initially adapted from Freudian concepts of psychodynamics. Kozmova, working from within Hobson's activation-synthesis constructs, adapts a Baysian psychoanalytic-based technique of intrapersonal piloting to explore the transference surrounding non-lucid dream synthesis. Her text, as much a memoir as an intellectual synthesis, explores the misconceptions that have developed into the belief that dreams are degenerate, non-thinking states of consciousness. Her work incorporates the work of other dream scientists including Rechtschaffen, Foulks, Hunt, Moffat, Kahan, and Valli who have emphasized the alternative evidence that dreams are meaningful fully construed states of consciousness. Kozmova’s dreams and those of the subjects she studies are executive, multiplicit, emotional, volitional, and problem-solving states of consciousness. Her dreams are overwhelmingly rational aspects of our awareness, generations of self-reflective thought, and constructs of our very human metacognition.

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