

## Entropy-corrected Ricci Dark Energy in Fractal Framework

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### ABSTRACT

Recent observational evidences [1–4] have implied that the dark energy-matter distribution is responsible for the speedy expansion of our universe. It is known that the time-dependent dark energy models provide more meaningful results [5-8]. In this work, making use of the fractal Friedmann-Robertson-Walker universe containing dark matter interacting with dark energy, we discuss how the fractal contributions affects the dynamics of entropy-corrected Ricci dark energy model. The other aim of this investigation is to extend the previous studies given in literature [9-12] one step further.

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