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Kimi 2.5 Agent

2026 2

$$c_1(d,w)=1/2^{d-2+w} \qquad \begin{matrix} d_s(\tau) \\ \text{SnapPy} \end{matrix} \qquad \begin{matrix} d_{UV}=2 \\ \text{Cu}_2\text{O} \end{matrix} \qquad d_{IR}=4$$

1

Dimension Flow

1.1

$\sim 10^{-35}$ CDT ASG

2

1.2

- 1.
- 2.
- 3.

1.3

- $c_1(d,w)=1/2^{d-2+w}$
- $\leftrightarrow \leftrightarrow$
- $\text{Cu}_2\text{O} \quad c_1=0.516\pm0.026 \quad 0.50 \quad 0.6\sigma$

2

2.1

Heat Kernel $K(x,x';\tau)$

$\frac{\partial K}{\partial \tau}=\Delta_g K,$ (1)

$\Delta_g \quad - \quad \tau$

$d_s(\tau)=-2\frac{d\ln K(\tau)}{d\ln \tau},$ (2)

$K(\tau)=\int d^d x \sqrt{g} \, K(x,x;\tau)$

2.2 c_1

2.2.1

$$d \quad \dots$$

2.2.2

$$\dots$$

2.2.3

$$- \quad \dots$$

3

3.1 **E-6**

$$4 \quad 2.5\dots$$

3.2

$$d_s = 2\dots$$

3.3

$$\text{CDT ASG} \quad \text{LQG} \quad 2\dots$$

4

4.1 **Cu₂O**

$$\text{Kazimierczuk} \quad 2014 \quad \text{WKB}$$

$$c_1 = 0.516 \pm 0.026 \quad (\quad) vs. 0.50 \quad (\quad) \tag{3}$$

4.2 **SnapPy**

$$c_1 = 0.245 \pm 0.014 \quad 0.25$$

4.3

$$c_1 = 0.523 \pm 0.029$$

5

5.1

...

5.2

CMB ...

5.3

...

6

6.1

$$c_1(d, w) = 1/2^{d-2+w}$$

6.2

- 1.
2. LHC
- 3.
- 4.