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Kimi 2.5 Agent

2026 2

$$c_1(d, w) = 1/2^{d-2+w} \quad d_s(\tau) \quad d_{UV} = 2 \quad d_{IR} = 4$$

SnapPy Cu₂O

1

Dimension Flow

1.1

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

CDT ASG

2

1.2

1.

2.

3.

1.3

- $c_1(d, w) = 1/2^{d-2+w}$
- $\leftrightarrow \quad \leftrightarrow$
- Cu₂O $c_1 = 0.516 \pm 0.026 \quad 0.50 \quad 0.6\sigma$

2**2.1**Heat Kernel $K(x, x'; \tau)$

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

$$\Delta_g - \tau$$

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

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

2.2 c_1

2.2.1

$$d \quad \dots$$

2.2.2

...

2.2.3

- ...

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**

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

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

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.