30 413

SANDOR

PRENUM

DOROTEEa

Subject nr & Semnatura: Dololee



$$=\frac{1}{3}\cdot\frac{\pi}{\sin^{\frac{1}{3}}}$$
 $3\frac{1}{3}\in(0,1)$

$$= \frac{1}{3} \cdot \frac{\pi}{\sqrt{3}} = \frac{2\pi}{3\sqrt{3}} = \frac{2\pi\sqrt{3}}{3\cdot(\sqrt{3})^2} = \frac{2\sqrt{3}\cdot\pi}{9}$$

$$B(a,b) = \int_0^1 x^{a-1} (1-x)^{b-1} dx$$
we subst. $x = \frac{1}{1+1} = x = x$

$$B(a,b) = \int_0^\infty \frac{1}{1+1} du$$

$$\frac{1}{1+1} \frac{1}{1+1} du$$

$$M = C_{\infty} = 1 \times 10^{-5} \text{ dx} = \frac{1}{2} \cdot \frac{1}{20}$$

$$\begin{cases} a - 1 = -\frac{1}{2} = \lambda a = \frac{1}{2} \\ a + b = m + 1 = \lambda b = m + \frac{1}{2} \end{cases}$$