Raunorpun bozmonuriou zkarenua 2: 2>01 Nyoro $d = 1+2\alpha$, $a \in (0,+\infty)$. Torga: $\int \frac{dx}{x^{1+2\alpha}} (\ln x)^{\beta} =$ $= \int_{10}^{10} \frac{dx}{x^{1+\alpha}} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+\alpha}}}_{0 \text{ Npu } x \to to} \cdot \underbrace{\int_{10}^{10} \frac{1}{x^{1+$ Non. a (Auni pan) $\beta = 0$ Non. a (Auni pan) $\beta = 0$ Verpose reparemente realizara hanutara: $\frac{1}{x^a \cdot (\ln x)^{3a-1}} = \frac{\ln x^b}{x^a \cdot (\ln x)^{3a-1}} = \frac{\ln x^b}{x^a \cdot (\ln x)^{3a-1}} = \frac{1}{x^a \cdot (\ln x)^{3$ broge $\frac{\beta!}{\alpha^{\beta}}$ $\stackrel{\circ}{\times}$ $\stackrel{\circ}{\times}$ 0 (banno, no broge, τ , κ , crement mongt Stus nergenormu) => or B kuxepa he zabacur upu d >1! $= \int_{0}^{\infty} \frac{dx}{x^{1+\alpha}} \cdot \frac{1}{x^{\alpha} \cdot (\ln x)^{\alpha}} \int_{0}^{\infty} \frac{1}{x^{1+\alpha}} - Cxogut xx.$ $= \int_{0}^{\infty} \frac{dx}{x^{1+\alpha}} \cdot \frac{1}{x^{\alpha} \cdot (\ln x)^{\alpha}} \int_{0}^{\infty} \frac{1}{x^{1+\alpha}} \cdot \frac$ to Tak me no Monutano

 $\int \frac{dx}{x \cdot (\ln x)^{x}} = \begin{cases} \frac{3a}{y} = \ln x \\ \frac{3}{x} = \frac{3a}{y} =$ - Onarka, a owy nac yme Eben! Mpa B < 1 packagura 1 Storo - Choquita , ts - peechoguises d=1

B = 1 - pal crodutor

B > 1 - draguos