$\frac{1}{\sqrt{2}}$ زىدنى - راكس (١٠)، (٥,٥)، (۵,١) (١٠) از ستزيمي زيراكس د  $\int_{1}^{2} \frac{1}{x} dx < (1+\frac{1}{a}) \frac{a-1}{r} = \frac{a}{r} - \frac{1}{r} + \frac{1}{r} + \frac{1}{ra}$ e-re+1>06 1< et juic filx=1 1=16xe Erebrut Ja dx=du 1 Jx=n Justin Tip  $\int_{e}^{A} 2\sqrt{x} dx = r = \int_{e}^{A} u du \quad \text{on the partition of } x$  $= r \left[ \frac{-1}{\lambda} e^{\lambda n} , n \right] + \frac{1}{\lambda} \left[ e^{-\lambda n} dn \right] = r \left[ \frac{-2\lambda \pi}{\lambda} \sqrt{A} - \frac{1}{\lambda^{r}} e^{-\lambda n} \right]^{\lambda A}$  $= \Gamma \left[ \frac{-e^{\lambda \sqrt{A}}}{\lambda} \sqrt{A} - \frac{1}{\lambda^{r}} e^{-\lambda \sqrt{A}} + \frac{1}{\lambda^{r}} \right]$   $= \Gamma \left[ \frac{-e^{\lambda \sqrt{A}}}{\lambda} \sqrt{A} - \frac{1}{\lambda^{r}} e^{-\lambda \sqrt{A}} + \frac{1}{\lambda^{r}} \right]$   $= \frac{1}{\lambda^{r}} e^{-\lambda \sqrt{A}} + \frac{1}{\lambda^{r}} \left[ \frac{1}{\lambda^{r}} e^{-\lambda \sqrt{A}} + \frac{1}{\lambda^{r}} \right]$ مدفری ورسال به عواب ایمو ۲ دعره  $\int e^{-\lambda \sqrt{\chi}} dx = \frac{\Gamma}{\lambda'}$ 

 $(0/9)^{\sqrt{n}} = e^{(\ln \frac{1}{\epsilon})\sqrt{n}} = e^{-\ln(\frac{1}{4})\sqrt{n}}$ طِـــ الك  $\Rightarrow \sum_{n=1}^{\infty} (o_{1}a_{1})^{n} < \sum_{n=1}^{\infty} e^{-\frac{1}{10}} < \int_{-\frac{1}{10}}^{\infty} dx$   $= \sum_{n=1}^{\infty} (o_{1}a_{1})^{n} < \sum_{n=1}^{\infty} e^{-\frac{1}{10}} < \int_{-\frac{1}{10}}^{\infty} dx$   $= \sum_{n=1}^{\infty} (o_{1}a_{1})^{n} < \sum_{n=1}^{\infty} e^{-\frac{1}{10}} < \int_{-\frac{1}{10}}^{\infty} dx$   $= \sum_{n=1}^{\infty} (o_{1}a_{1})^{n} < \sum_{n=1}^{\infty} e^{-\frac{1}{10}} < \int_{-\frac{1}{10}}^{\infty} dx$ . 2005 (Too) L (1) ver (90) wife Inn 1) In C, 09 (1)  $\sum_{k=1}^{\infty} (1/9)^{k} = \sum_{k=1}^{\infty} \frac{(1/9)^{k}}{n!} \left( \frac{1}{n!} \frac{1}{(1/9)^{k}} \frac{1}{n!} \frac{1}{(1/9)^{k}} \frac{1}{(1/9)^{k}} \right) \left( \frac{1}{n!} \frac{1}{(1/9)^{k}} \frac{1$ 

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