



$$\begin{array}{c} a = \frac{1}{2}(a + \frac{1}{a}) \\ 2a^2 = a^2 + 1 \\ a = -1 \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

$$\begin{array}{c} a = \frac{1}{2} \\ a = -1 \\ \end{array}$$

ance = 2 + 1 (1-1) + 1 (1-2)(1-1) + ... + 1 (1-1) - 7 an Bubog: 3 lim (1+1) = e Частичные пределы Ono: By = am, rge Ingken bosp nockey. Homepob was nognockey. Опр: Предел подпоследовательности вал наз ей частичних пределем Roumep: an = (-1)"  $B_k = \alpha_{2k} \equiv 1$  $C_k = a_{2k+1} \equiv -1 \xrightarrow{k \to \infty} -1$ Теорема: У сход. послед. все частичние пределы совпадают
пределом последовательности.  $a_n = h^{-1} = \begin{cases} h, & n = 2k \\ h, & n = 2k+1 \end{cases}$ 1 racs, speger = 0