

分数裂项

内容：六年级上知识点讲师：陈佩欣

$$\frac{264}{4 \times 8} + \frac{264}{8 \times 12} + \frac{264}{12 \times 16} + \dots + \frac{264}{124 \times 128} + \frac{264}{128 \times 132}$$

$$\frac{1}{3} + \frac{2}{5} + \frac{3}{7} + \frac{9}{20} + \frac{11}{28} + \frac{17}{30} + \frac{25}{42}$$

$$\frac{4}{1 \times 2 \times 3} + \frac{5}{2 \times 3 \times 4} + \frac{6}{3 \times 4 \times 5} + \dots + \frac{11}{8 \times 9 \times 10}$$

$$\frac{1}{3^2-1} + \frac{1}{5^2-1} + \frac{1}{7^2-1} + \frac{1}{9^2-1} + \frac{1}{11^2-1} + \frac{1}{13^2-1}$$

$$\frac{1^2+3^2}{2^2-1} + \frac{2^2+4^2}{3^2-1} + \frac{3^2+5^2}{4^2-1} + \dots + \frac{98^2+100^2}{99^2-1} =$$

$$\frac{1^2+3^2}{2^2-1} + \frac{2^2+4^2}{3^2-1} + \frac{3^2+5^2}{4^2-1} + \dots + \frac{98^2+100^2}{99^2-1} =$$

◇ 题目讲解和答案见视频讲解

