

[illegible]

$$\leq \frac{H_1}{H_2} + \frac{H_2}{H_3} + \dots + \frac{H_{n-1}}{H_n}$$



$$\leq \frac{H}{2} + \frac{H^2}{8} + \frac{H^3}{8}$$

$$\leq \frac{H_1}{H_2} + \frac{H_3}{H_4} + \frac{H_5}{H_6} + \frac{H_7}{H_8}$$

≤  6

[illegible]

$$\leq \frac{H_1}{H_2} + \frac{H_2}{H_3} + \dots + \frac{H_{n-1}}{H_n}$$